

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision date: 05/28/2015

Product form <ul> <li>Mixture</li> <li>Mixture</li> <li>Yenduct code</li> <li>Yendu C code</li></ul>	SECTION 1: Identification of the substance/	/mixture and of the company/u	Indertaking			
Product name : 1491, DURAGLOSS WAX ERASER Product code : Parif 491 402, 482 3202 1.1. Relevant Identified uses of the substance or mixture and uses advised against 1.3. Details of the supplier of the safety data sheet Brothers Research Corporation 2.3. A Details of the subplier of the safety data sheet Errorery number : 200-224-3300 Chemitree : SECTION 2: Hazard's Identification 2.1. Classification of the substance or mixture GHS-US classification of the substance or mixture GHS-US classification of the substance or mixture GHS-US classification No 222. 2.2. Label elements 2.3. Other hazards No classified 2.4. Unknown acute toxicity (GHS-US) Not classified 2.5. Other hazards 2.4. Unknown acute toxicity (GHS-US) Not applicable 2.5. Mixture SECTION 3: Composition/Information on ingredients 3.1. Substance Not applicable 3.2. Mixture Section State (SHS-US) State (SHS-US) St	1.1. Product identifier					
Product code       : Part# 481 4oz, 482 32oz         1.1.       Relevant identified uses of the substance or mixture and uses advised against         1.3.       Details of the supplier of the substance or mixture and uses advised against         1.3.       Details of the supplier of the substance or mixture and uses advised against         245 Arpark Drive       Building of the substance or mixture         245 Arpark Drive       Emergency telephone number         Emergency rumber       : 800-424-9300 Cremitre:         SECTION 2: Hazards identification       Emergency telephone number         C1.       Classification of the substance or mixture         SECTION 2: Hazards identification       Emergency analysis         Not classified       Emergency analysis         22.       Label elements         Classification       Not classified         Not classified       Emergency analysis         2.1.       Classification         Not additional information vaniable       Exercise         2.3.       Other hazards         Not additional information vaniable       Exercise         2.4.       Unknown acute toxicity (GHS-US)         No additional information vaniable       Exercise         2.4.       Mixture         Stotlance       Stotlance	Product form : Mixtu	re				
1.2. Relevant identified uses of the substance or mixture and uses advised against         1.3. Details of the supplier of the safety data sheet         Brothers Research Corporation 2254 Airpark Drive Burington, NC 27216         1.4. Emergency telephone number         Emergency number       : 800-424-3300 Criemitree         SECTION 2: Hazards identification         Classification of the substance or mixture         GHS-US classification         Not classified         SECTION 2: Hazards identification         Classification of the substance or mixture         GHS-US classification         Not classified         SECTION 2: Label elements         GHS-US classification         Not additional information available         2.1. Label elements         SECTION 3: Composition/information on ingredients         Substance         Not applicable         Substance         Not applicable         Substance         Not applicable         Substance         Not applicable         Substance         Substance <tr< td=""><td colspan="5">Product name : 481, DURAGLOSS WAX ERASER</td></tr<>	Product name : 481, DURAGLOSS WAX ERASER					
1.3. Details of the supplier of the safety data sheet         Brothers Research Corporation         2245 Airpark Drive         Burlington, NC 27216         T 306-229-4800         1.4. Emergency telephone number         Emergency number       : 800-424-9300         Chemitrec         SECTION 2: Hazards identification         Classification         Not classified         2.1. Label elements         Classification         Not additional information available         2.3. Other hazards         Not additional information on ingredients         SECTION 3: Composition/information on ingredients         Statistication         1.2         Film: Liar, 2, H225         Section 3: Composition/information on ingredients         3.1         Substance         Nater colspan: 1 <td cols<="" td=""><td colspan="5"></td></td>	<td colspan="5"></td>					
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Chemtree         SECTION 2: Hazards identification         2.1. Classification of the substance or mixture         GHS-US classification         Not classified         2.2. Label elements         GHS-US labelling         No labelling applicable         2.3. Other hazards         No additional information available         2.4. Unknown acute toxicity (GHS-US)         Not applicable         SECTION 3: Composition/information on ingredients         8.1. Substance         Not applicable         SECTION 3: Composition/information on ingredients         3.1. Substance         Not applicable         S2. Mixture         Mane         In Clas No) 71-23-8         1 - 2         Feam. Lig. 4 14227 Acute Tox. 4 (Oren), 1432 Acute	1.4. Emergency telephone number					
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Marking Selection Selec	SECTION 2: Hazards identification					
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2.4.       Unknown acute toxicity (GHS-US)         Not applicable       SECTION 3: Composition/information on ingredients         3.1.       Substance         Not applicable       Stature         1.2       Flam. Liq. 2, H225         Story 2, Stature       I - 2         1-propanol       (CAS No) 71-23-8       1 - 2         butyl glycolether       (CAS No) 111-76-2       1 - 2         Value Tox. 4 (Dran), H302       Acute Tox. 4 (Dran), H302         Acute Tox. 4 (Dran), H312       Acute Tox. 4 (Drana), H312         Full text of H-phrases: see section 16       SECTION 4: First aid measures	2.3. Other hazards					
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NameProduct identifier%GHS-US classification1-propanol(CAS No) 71-23-81 - 2Flam. Liq. 2, H225 Eye Dam. 1, H318 STOT SE 3, H336butyl glycolether(CAS No) 111-76-21 - 2Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319Full text of H-phrases: see section 16SECTION 4: First aid measures	Not applicable					
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Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Full text of H-phrases: see section 16 SECTION 4: First aid measures	1-propanol	(CAS No) 71-23-8	1 - 2	Eye Dam. 1, H318		
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	Full text of H-phrases: see section 16					
	SECTION 4: First aid measures					
4.1. Description of first ald measures	4.1. Description of first aid measures					

4.1. Descr	iption of first aid measure	S	
First-aid measur	es general	: Never give anything by mouth to an unconscious per advice (show the label where possible).	rson. If you feel unwell, seek medical
First-aid measur	es after inhalation	: Remove the victim into fresh air. If not breathing give medical advice/attention. Allow victim to breathe fres	
First-aid measur	es after skin contact	: Remove/Take off immediately all contaminated cloth irritation or rash occurs: Get medical advice/attentior exposed skin area with mild soap and water, follower	n. Remove affected clothing and wash all
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First-aid measures after eye contact	: Move victim away from exposure and into fresh air. Rinse immediately with plenty of water for 15 minutes. Get medical advice/attention. Rinse immediately with plenty of water. Obtain
	medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	: Do not induce vomiting. Call a physician or poison control center immediately. Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and effect	s, both acute and delayed
Symptoms/injuries	: Not expected to present a significant hazard under anticipated conditions of normal use.
4.3. Indication of any immediate medical	attention and special treatment needed
No additional information available	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Carbon dioxide. Dry chemical powder. Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.
5.2. Special hazards arising from the sub	stance or mixture
No additional information available	
5.3. Advice for firefighters	· Water can be used to keep expected containers and, to protect. Use water ensures for far
Firefighting instructions	: Water can be used to keep exposed containers cool, to protect;. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Complete protective clothing. Self-contained breathing apparatus. Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release meas	ures
6.1. Personal precautions, protective equ	lipment and emergency procedures
General measures	: Absorb spill on vermiculite floor absorbent or other absorbent material.
6.1.1. For non-emergency personnel	
6.1.1. For non-emergency personnel Protective equipment	: Protective clothing. Protective goggles.
Emergency procedures	<ul> <li>Stop spill at source, prevent from spreading. If runoff ocurrs, notify authorities as required.</li> <li>Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent, material to containers for disposal.</li> <li>Close container tightly and dispose of properly. Evacuate unnecessary personnel.</li> </ul>
6.1.2. For emergency responders	
Protective equipment	: Use personal protective equipment as required. Self-contained breathing apparatus. Safety
	glasses. Protective gloves. Equip cleanup crew with proper protection.
Emergency procedures	: Stop leak if safe to do so. Ventilate area.
6.2. Environmental precautions	
Notify authorities if product enters sewers or publ waters.	ic waters. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public
6.3. Methods and material for containme	nt and cleaning up
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
6.4. Reference to other sections	
See Heading 8. Exposure controls and personal p	protection.
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Additional hazards when processed	: Containers of this material may be hazardous when empited. All hazard precautions give should be observed.
Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.
7.2. Conditions for safe storage, includin	g any incompatibilities
Storage conditions	: Store in a well-ventilated place. Keep away from heat, sparks, and flames. Emptied containers may retain product residues. Precautions apply to emptied containers. Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.

### Safety Data Sheet

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Incompatible products

: Strong bases. Strong acids.

Incompatible materials

: Sources of ignition. Direct sunlight.

#### 7.3. Specific end use(s) No additional information available

## SECTION 8: Exposure controls/personal protection

8.1. Control parameters		
481, DURAGLOSS WAX ERA	ASER	
ACGIH	Not applicable	
OSHA	Not applicable	
1-propanol (71-23-8)		
ACGIH	ACGIH TWA (ppm)	100 ppm
ACGIH	ACGIH STEL (ppm)	100 ppm
ACGIH	Remark (ACGIH)	Eye & URT irr
OSHA	OSHA PEL (TWA) (mg/m³)	500 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (ppm)	200 ppm

butyl glycolether (111-76-2)		
ACGIH	ACGIH TWA (ppm)	20 ppm
ACGIH	ACGIH STEL (ppm)	20 ppm
OSHA	Not applicable	

#### 8.2. Exposure controls

Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Gloves. Wear protective gloves.
Eye protection	: Chemical goggles or safety glasses.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: Wear appropriate mask.
Other information	: Do not eat, drink or smoke during use.

#### **SECTION 9: Physical and chemical properties**

9.1.	Information on basic physical and	l che	mical properties
Physica	al state	:	Liquid
Appear	ance	:	Clear, colorless liquid.
Colour		:	Clear Liquid
Odour		:	Sweet
Odour t	hreshold	:	No data available
pН		:	6 - 7
Relative	e evaporation rate (butylacetate=1)	:	No data available
Melting	point	:	196.6 °F
Freezin	g point	:	No data available
Boiling	point	:	206.6 °F
Flash p	oint	:	> 160 °F
Auto-ig	nition temperature	:	775.4 °F
Decom	position temperature	:	No data available
Flamma	ability (solid, gas)	:	No data available
Vapour	pressure	:	68 F @ 19.29 MBAR (14.5 mmHg)
Relative	e vapour density at 20 °C	:	No data available
Relative	e density	:	0.98 F @ 68.0 F

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Solubility	<ul> <li>Soluble in water.</li> <li>Water: Solubility in water of component(s) of the mixture :</li> <li>1-propanol: Complete • butyl glycolether: Complete</li> </ul>
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	
No additional information available	
SECTION 10: Stability and read	tivity

10.1. Reactivity
No additional information available
10.2. Chemical stability
Stable under normal conditions. Not established.
10.3. Possibility of hazardous reactions
Not established.
10.4. Conditions to avoid
Direct sunlight. Extremely high or low temperatures.
10.5. Incompatible materials
Strong acids. Strong bases.
10.6. Hazardous decomposition products
fume. Carbon monoxide. Carbon dioxide.

SECT	ION 11: Toxicological information		
11 1	Information on toxicological effects		

Acute toxicity

: Not classified

1-propanol (71-23-8)	
LD50 oral rat	> 2000 mg/kg (Rat)
LD50 dermal rabbit	4049 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	9.8 mg/l/4h (Rat)
ATE US (dermal)	4049.000 mg/kg bodyweight
ATE US (vapours)	9.800 mg/l/4h
ATE US (dust,mist)	9.800 mg/l/4h
butyl glycolether (111-76-2)	
LD50 oral rat	1746 mg/kg bodyweight (Rat; Equivalent or similar to OECD 401; Experimental value)
LD50 dermal rat	> 2000 mg/kg bodyweight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
LC50 inhalation rat (mg/l)	2.2 mg/l/4h (Rat; Experimental value)
LC50 inhalation rat (ppm)	450 ppm/4h (Rat; Experimental value)
ATE US (oral)	1746.000 mg/kg bodyweight
ATE US (dermal)	1100.000 mg/kg bodyweight
ATE US (gases)	450.000 ppmv/4h
ATE US (vapours)	2.200 mg/l/4h
ATE US (dust,mist)	2.200 mg/l/4h
Skin corrosion/irritation	: Not classified
	pH: 6 - 7
Serious eye damage/irritation	Not classified
	pH: 6 - 7
Respiratory or skin sensitisation	: Not classified
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Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
butyl glycolether (111-76-2)	
IARC group	3 - Not classifiable
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard Potential adverse human health effects and symptoms	: Not classified : Based on available data, the classification criteria are not met.

## **SECTION 12: Ecological information**

12.1. Toxicity

481, DURAGLOSS WAX ERASER         Persistence and degradability       Not established.         1-propanol (71-23-8)         Persistence and degradability       Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions.         Biochemical oxygen demand (BOD)       0.47 - 1.63 g O₂/g substance         Chemical oxygen demand (COD)       2.23 g O₂/g substance         ThOD       2.4 g O₂/g substance         BOD (% of ThOD)       0.20 - 0.44 % ThOD         butyl glycolether (111-76-2)       Persistence and degradability         Persistence and degradability       Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air.	1-propanol (71-23-8)			
EC50 other aquatic organisms 1         4168 mg/l (48 h: Protozoa)           LC50 fish 2         4480 mg/l (96 h; Pimephales promelas)           EC50 Daphnia 2         3644 mg/l (48 h: Pinnephales promelas)           TLM fish 1         200 - 500, Gobio gobio           TLM fish 1         200 - 500, Gobio gobio           Threshold limit algae 1         2000 mg/l (Selenastrum capricornutum)           Threshold limit algae 2         3100 mg/l (168 h; Scenedesmus quadricauda) <b>butyl glycolether (111-76-2)</b> LC50 Daphnia 1           LC50 Daphnia 1         1474 ppm (96 h; Oncorhynchus mykiss)           EC50 Daphnia 1         1550 mg/l (48 h: B) Daphnia magna)           Threshold limit algae 1         911 mg/l (72 h; Pseudokirchneriella subcapitata) <b>2.2. Persistence and degradability</b> Not established. <b>41propanol (71-23-8)</b> Persistence and degradability           Persistence and degradability         Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions.           Biochemical oxygen demand (BOD)         0.47 - 1.63 g O_g/g substance           Chemical oxygen demand (COD)         2.23 g O_g/g substance           BOD (% of ThOD)         0.20 - 0.44 % ThOD <b>butyl glycolether (111-76-2)</b> Persistence and degradability           Readily biodegradable in wate	LC50 fish 1	3200 mg/l 48 h; Salmo gairdneri (Oncorhynchus mykiss)		
LCS0 fish 2         4480 mg/l (96 h; Pimephales promelas)           ECS0 Daphnia 2         3644 mg/l (48 h; Daphnia magna)           TLM fish 1         200 : 500. Gobio gobio           TLM other aquatic organisms 1         100 - 1000,96 h           Threshold limit algae 1         2000 mg/l (Selenastrum capricornutum)           Threshold limit algae 2         3100 mg/l (168 h; Scenedesmus quadricauda) <b>butyl glycolether (11-76-2)</b> LCS0 fish 1         1474 ppm (96 h; Oncorhynchus myklss)           ECS0 Daphnia 1         1550 mg/l (48 h; Daphnia magna)           Threshold limit algae 1         911 mg/l (72 h; Pseudokirchneriella subcapitata)           Threshold limit algae 2         88 mg/l (72 h; Pseudokirchneriella subcapitata)           2.2. Persistence and degradability         Not established.           Persistence and degradability         Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions.           Biochemical oxygen demand (BOD)         0.47 - 1.63 g O./g substance           Chemical oxygen demand (GOD)         0.20 - 0.44 % ThOD           Duyl glycolether (111-76-2)            Persistence and degradability         Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air.           ROD         0.20 - 0.44 % ThOD         2.4 g O./g substance	EC50 Daphnia 1	4415 mg/l (24 h; Daphnia magna)		
EC50 Daphnia 2         3644 mg/l (48 h; Daphnia magna)           TLM fish 1         200 - 500, Gobio gobio           TLM other aquatic organisms 1         100 - 1000, 96 h           Threshold limit algae 1         2000 mg/l (Selenastrum capricomutum)           Threshold limit algae 2         3100 mg/l (168 h; Scenedesmus quadricauda)           buty glycolether (111-76-2)         LC50 fish 1           LC50 fish 1         1474 ppm (96 h; Oncorhynchus mykiss)           EC50 Daphnia 1         1550 mg/l (48 h; Daphnia magna)           Threshold limit algae 1         911 mg/l (72 h; Pseudokirchneriella subcapitata)           Threshold limit algae 2         88 mg/l (72 h; Pseudokirchneriella subcapitata)           2.2. Persistence and degradability         Not established.           Persistence and degradability         Not established.           1-propanol (71-23-8)         Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions.           Biochemical oxygen demand (BOD)         0.47 - 1.63 g O.g'g substance           Chemical oxygen demand (COD)         2.23 g O.g'g substance           BOD (% of ThOD)         0.20 - 0.44 % ThOD           buty glycolether (111-76-2)         Persistence and degradability           Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air.           2.3. Bioaccu				
TLM fish 1       200 - 500,Gobio gobio         TLM fish 1       200 - 500,Gobio gobio         Threshold limit algae 1       100 - 1000,96 h         Threshold limit algae 2       3100 mg/l (Selenastrum capricornutum)         Threshold limit algae 2       3100 mg/l (Selenastrum capricornutum)         Dutyl glycolether (11-76-2)       1474 ppm (96 h; Oncorhynchus mykiss)         EC50 Daphnia 1       1550 mg/l (48 h; Daphnia magna)         Threshold limit algae 1       911 mg/l (72 h; Pseudokirchneriella subcapitata)         Threshold limit algae 2       88 mg/l (72 h; Pseudokirchneriella subcapitata)         2.2.       Persistence and degradability         481, DURAGLOSS WAX ERASER       Persistence and degradability         Persistence and degradability       Not established.         11-propanol (71-23-8)       Persistence and degradability         Persistence and degradability       Not established.         100D       0.47 - 1.63 g O <sub>2</sub> /g substance         Chemical oxygen demand (COD)       2.23 g O <sub>2</sub> /g substance         BOD (% of ThOD)       0.20 - 0.44 % ThOD         butyl glycolether (111-76-2)       Persistence and degradability         Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air.         2.3.       Bioaccumulative potential         Keatily biodegr	LC50 fish 2	4480 mg/l (96 h; Pimephales promelas)		
TLM other aquatic organisms 1       100 - 1000,96 h         Threshold limit algae 1       2000 mg/l (Selenastrum capricornutum)         Threshold limit algae 2       3100 mg/l (168 h; Scenedesmus quadricauda)         butyl glycolether (111-76-2)       LCS0 fish 1         LCS0 fish 1       1474 ppm (96 h; Oncorhynchus mykiss)         EC50 Daphnia 1       1550 mg/l (48 h; Daphnia magna)         Threshold limit algae 1       911 mg/l (72 h; Pseudokirchneriella subcapitata)         Threshold limit algae 2       88 mg/l (72 h; Pseudokirchneriella subcapitata)         Threshold limit algae 2       88 mg/l (72 h; Pseudokirchneriella subcapitata)         2.2. Persistence and degradability       Not established.         431, DURACLOSS WAX ERASER       Persistence and degradability         Persistence and degradability       Not established.         1-propanol (71-23-8)       Persistence and degradability         Persistence and degradability       0.47 - 1.63 g O <sub>2</sub> /g substance         Chemical oxygen demand (COD)       2.23 g O <sub>2</sub> /g substance         Dio (% of ThOD)       0.20 - 0.44 % ThOD         butyl glycolether (111-76-2)       Persistence and degradability         Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air.         2.3. Bioaccumulative potential       Not established.         1-propanol	EC50 Daphnia 2			
Threshold limit algae 1       2000 mg/l (Selenastrum capricomutum)         Threshold limit algae 2       3100 mg/l (168 h; Scenedesmus quadricauda)         buty glycolether (111-76-2)       LC50 fish 1         LC50 fish 1       1474 ppm (96 h; Oncorhynchus mykiss)         EC50 Daphnia 1       1550 mg/l (48 h; Daphnia magna)         Threshold limit algae 1       911 mg/l (72 h; Pseudokirchneriella subcapitata)         Threshold limit algae 2       88 mg/l (72 h; Pseudokirchneriella subcapitata)         2.2. Persistence and degradability       88 mg/l (72 h; Pseudokirchneriella subcapitata)         2.2. Persistence and degradability       Not established.         41. pURAGLOSS WAX ERASER       Persistence and degradability         Persistence and degradability       Not established.         1-propanol (71-23-8)       Persistence and degradability         Persistence and degradability       Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions.         Biochemical oxygen demand (BOD)       0.47 - 1.63 g O_2/g substance         Chemical oxygen demand (COD)       2.23 g O_2/g substance         BOD (% of ThOD)       0.20 - 0.44 % ThOD         buty glycolether (111-76-2)       Persistence and degradability         Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air.         2.3.	TLM fish 1	200 - 500,Gobio gobio		
Threshold limit algae 2       3100 mg/l (168 h; Scenedesmus quadricauda)         butyl glycolether (111-76-2)         LC50 fish 1       1474 ppm (96 h; Oncorhynchus mykiss)         ECS0 Daphnia 1       1550 mg/l (48 h; Daphnia magna)         Threshold limit algae 1       911 mg/l (72 h; Pseudokirchneriella subcapitata)         Threshold limit algae 2       88 mg/l (72 h; Pseudokirchneriella subcapitata)         2.2. Persistence and degradability       Not established.         41, DURACLOSS WAX ERASER       Persistence and degradability         Persistence and degradability       Not established.         1-propanol (71-23-8)       Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions.         Biochemical oxygen demand (BOD)       0.47 - 1.63 g O <sub>2</sub> /g substance         Chemical oxygen demand (COD)       2.23 g O <sub>2</sub> /g substance         BOD (% of ThOD)       0.20 - 0.44 % ThOD         butyl glycolether (111-76-2)       Persistence and degradability         Persistence and degradability       Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air.         2.3. Bioaccumulative potential       Not established.         431, DURAGLOSS WAX ERASER       Bioaccumulative potential         Bioaccumulative potential       Not established.         431, DURAGLOSS WAX ERASER       Bi	TLM other aquatic organisms 1	100 - 1000,96 h		
butyl glycolether (111-76-2)           LC50 fish 1         1474 ppm (96 h; Oncorhynchus mykiss)           EC50 Daphnia 1         1550 mg/l (48 h; Daphnia magna)           Threshold limit algae 1         911 mg/l (72 h; Pseudokirchneriella subcapitata)           Threshold limit algae 2         88 mg/l (72 h; Pseudokirchneriella subcapitata)           2.2.         Persistence and degradability           481, DURAGLOSS WAX ERASER         Persistence and degradability           Versistence and degradability         Not established.           1-propanol (71-23-8)         Persistence and degradability           Persistence and degradability         Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions.           Biochemical oxygen demand (BOD)         0.47 - 1.63 g O_s/g substance           Chemical oxygen demand (COD)         2.23 g O_s/g substance           BOD (% of ThOD)         0.20 - 0.44 % ThOD           butyl glycolether (111-76-2)         Persistence and degradability           Persistence and degradability         Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air.           2.3.         Bioaccumulative potential           481, DURAGLOSS WAX ERASER         Bioaccumulative potential           Bioaccumulative potential         Not established.           1-propanol (71-23-8) <td>Threshold limit algae 1</td> <td colspan="2">2000 mg/l (Selenastrum capricornutum)</td>	Threshold limit algae 1	2000 mg/l (Selenastrum capricornutum)		
LC50 fish 1       1474 ppm (96 h; Oncorhynchus mykiss)         EC50 Daphnia 1       1550 mg/l (48 h; Daphnia magna)         Threshold limit algae 1       911 mg/l (72 h; Pseudokirchneriella subcapitata)         Threshold limit algae 2       88 mg/l (72 h; Pseudokirchneriella subcapitata)         2.2. Persistence and degradability       88 mg/l (72 h; Pseudokirchneriella subcapitata) <b>481, DURAGLOSS WAX ERASER</b> Persistence and degradability         Persistence and degradability       Not established. <b>1-propanol (71-23-8)</b> Persistence and degradability         Persistence and degradability       Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions.         Biochemical oxygen demand (BOD)       0.47 - 1.63 g O <sub>2</sub> /g substance         Chemical oxygen demand (COD)       2.23 g O <sub>2</sub> /g substance         BOD (% of ThOD)       0.20 - 0.44 % ThOD <b>butyl glycolether (111-76-2)</b> Persistence and degradability         Persistence and degradability       Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air. <b>2.3. Bioaccumulative potential</b> Not established. <b>411, DURAGLOSS WAX ERASER</b> Bioaccumulative potential         Bioaccumulative potential       Not established. <b>427, DURAGLOSS WAX ERASER</b> Bioaccumulative potential <td>Threshold limit algae 2</td> <td>3100 mg/l (168 h; Scenedesmus quadricauda)</td>	Threshold limit algae 2	3100 mg/l (168 h; Scenedesmus quadricauda)		
EC50 Daphnia 1       1550 mg/l (48 h; Daphnia magna)         Threshold limit algae 1       911 mg/l (72 h; Pseudokirchneriella subcapitata)         Threshold limit algae 2       88 mg/l (72 h; Pseudokirchneriella subcapitata)         2.2. Persistence and degradability       88 mg/l (72 h; Pseudokirchneriella subcapitata)         2.2. Persistence and degradability       Not established.         481, DURAGLOSS WAX ERASER       Persistence and degradability         Persistence and degradability       Not established.         1-propanol (71-23-8)       Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions.         Biochemical oxygen demand (BOD)       0.47 - 1.63 g Os/g substance         Chemical oxygen demand (COD)       2.23 g Os/g substance         ThOD       2.4 g Os/g substance         BOD (% of ThOD)       0.20 - 0.44 % ThOD         butyl glycolether (111-76-2)       Persistence and degradability         Persistence and degradability       Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air.         2.3. Bioaccumulative potential       Not established.         41, DURAGLOSS WAX ERASER       Bioaccumulative potential         Bioaccumulative potential       Not established.         1-propanol (71-23-8)       Log Pow         Log Pow       0.25 (Experiment	butyl glycolether (111-76-2)			
Threshold limit algae 1       911 mg/l (72 h; Pseudokirchneriella subcapitata)         Threshold limit algae 2       88 mg/l (72 h; Pseudokirchneriella subcapitata)         2.2. Persistence and degradability       88 mg/l (72 h; Pseudokirchneriella subcapitata)         481, DURAGLOSS WAX ERASER       Persistence and degradability         Not established.       1-propanol (71-23-8)         Persistence and degradability       Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions.         Biochemical oxygen demand (BOD)       0.47 - 1.63 g O <sub>2</sub> /g substance         Chemical oxygen demand (COD)       2.23 g O <sub>2</sub> /g substance         ThOD       2.4 g O <sub>2</sub> /g substance         BOD (% of ThOD)       0.20 - 0.44 % ThOD         butyl glycolether (111-76-2)       Persistence and degradability         Persistence and degradability       Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air.         2.3. Bioaccumulative potential       Not established.         481, DURAGLOSS WAX ERASER       Bioaccumulative potential         Bioaccumulative potential       Not established.         1-propanol (71-23-8)       Log Pow         Log Pow       0.25 (Experimental value)	LC50 fish 1	1474 ppm (96 h; Oncorhynchus mykiss)		
Threshold limit algae 2       88 mg/l (72 h; Pseudokirchneriella subcapitata)         2.2. Persistence and degradability         481, DURAGLOSS WAX ERASER         Persistence and degradability       Not established.         1-propanol (71-23-8)         Persistence and degradability       Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions.         Biochemical oxygen demand (BOD)       0.47 - 1.63 g O <sub>2</sub> /g substance         Chemical oxygen demand (COD)       2.23 g O <sub>2</sub> /g substance         BOD (% of ThOD)       0.20 - 0.44 % ThOD         butyl glycolether (111-76-2)       Persistence and degradability         Persistence and degradability       Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air.         2.3. Bioaccumulative potential       Not established.         481, DURAGLOSS WAX ERASER       Bioaccumulative potential         Vot established.       Not established.	EC50 Daphnia 1			
2.2. Persistence and degradability       Not established.         481, DURAGLOSS WAX ERASER       Persistence and degradability         Persistence and degradability       Not established.         1-propanol (71-23-8)       Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions.         Biochemical oxygen demand (BOD)       0.47 - 1.63 g O <sub>3</sub> /g substance         Chemical oxygen demand (COD)       2.23 g O <sub>3</sub> /g substance         BOD (% of ThOD)       0.20 - 0.44 % ThOD         butyl glycolether (111-76-2)       Persistence and degradability         Persistence and degradability       Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air.         2.3. Bioaccumulative potential       Not established.         481, DURAGLOSS WAX ERASER       Bioaccumulative potential         Bioaccumulative potential       Not established.         490 Pow       0.25 (Experimental value)	Threshold limit algae 1			
481, DURAGLOSS WAX ERASER         Persistence and degradability       Not established.         1-propanol (71-23-8)         Persistence and degradability       Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions.         Biochemical oxygen demand (BOD)       0.47 - 1.63 g Oa/g substance         Chemical oxygen demand (COD)       2.23 g Oa/g substance         ThOD       2.4 g Oa/g substance         BOD (% of ThOD)       0.20 - 0.44 % ThOD         butyl glycolether (111-76-2)       Persistence and degradability         Persistence and degradability       Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air.         2.3       Bioaccumulative potential         481, DURAGLOSS WAX ERASER       Bioaccumulative potential         Not established.       Not established.	Threshold limit algae 2	88 mg/l (72 h; Pseudokirchneriella subcapitata)		
Persistence and degradability       Not established.         1-propanol (71-23-8)       Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions.         Biochemical oxygen demand (BOD)       0.47 - 1.63 g O <sub>2</sub> /g substance         Chemical oxygen demand (COD)       2.23 g O <sub>2</sub> /g substance         ThOD       2.4 g O <sub>2</sub> /g substance         BOD (% of ThOD)       0.20 - 0.44 % ThOD         butyl glycolether (111-76-2)       Persistence and degradability         Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air.         2.3.       Bioaccumulative potential         481, DURAGLOSS WAX ERASER       Bioaccumulative potential         Bioaccumulative potential       Not established.         1-propanol (71-23-8)       Log Pow         Log Pow       0.25 (Experimental value)	12.2. Persistence and degradability			
1-propanol (71-23-8)         Persistence and degradability       Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions.         Biochemical oxygen demand (BOD)       0.47 - 1.63 g O₂/g substance         Chemical oxygen demand (COD)       2.23 g O₂/g substance         ThOD       2.4 g O₂/g substance         BOD (% of ThOD)       0.20 - 0.44 % ThOD         butyl glycolether (111-76-2)       Persistence and degradability         Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air.         2.3.       Bioaccumulative potential         481, DURAGLOSS WAX ERASER       Not established.         Bioaccumulative potential       Not established.         1-propanol (71-23-8)       0.25 (Experimental value)	481, DURAGLOSS WAX ERASER			
Persistence and degradability       Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions.         Biochemical oxygen demand (BOD)       0.47 - 1.63 g O₂/g substance         Chemical oxygen demand (COD)       2.23 g O₂/g substance         ThOD       2.4 g O₂/g substance         BOD (% of ThOD)       0.20 - 0.44 % ThOD         butyl glycolether (111-76-2)       Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air.         2.3.       Bioaccumulative potential         481, DURAGLOSS WAX ERASER       Bioaccumulative potential         Bioaccumulative potential       Not established.         1-propanol (71-23-8)       0.25 (Experimental value)	Persistence and degradability	Not established.		
anaerobic conditions.       or of the second s	1-propanol (71-23-8)			
Chemical oxygen demand (COD)     2.23 g O <sub>2</sub> /g substance       ThOD     2.4 g O <sub>2</sub> /g substance       BOD (% of ThOD)     0.20 - 0.44 % ThOD       butyl glycolether (111-76-2)     Persistence and degradability       Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air.       2.3.     Bioaccumulative potential       481, DURAGLOSS WAX ERASER       Bioaccumulative potential       Not established.       1-propanol (71-23-8)       Log Pow     0.25 (Experimental value)	Persistence and degradability			
ThOD       2.4 g O <sub>2</sub> /g substance         BOD (% of ThOD)       0.20 - 0.44 % ThOD         butyl glycolether (111-76-2)       Persistence and degradability         Persistence and degradability       Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air.         2.3.       Bioaccumulative potential         481, DURAGLOSS WAX ERASER       Not established.         Bioaccumulative potential       Not established.         1-propanol (71-23-8)       0.25 (Experimental value)	Biochemical oxygen demand (BOD)	0.47 - 1.63 g O₂/g substance		
BOD (% of ThOD)       0.20 - 0.44 % ThOD         butyl glycolether (111-76-2)       Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air.         2.3.       Bioaccumulative potential         481, DURAGLOSS WAX ERASER       Not established.         Bioaccumulative potential       Not established.         1-propanol (71-23-8)       0.25 (Experimental value)	Chemical oxygen demand (COD)	2.23 g O₂/g substance		
butyl glycolether (111-76-2)         Persistence and degradability       Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air.         2.3.       Bioaccumulative potential         481, DURAGLOSS WAX ERASER         Bioaccumulative potential         Not established.         1-propanol (71-23-8)         Log Pow       0.25 (Experimental value)	ThOD	2.4 g O₂/g substance		
Persistence and degradability       Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air.         2.3.       Bioaccumulative potential         481, DURAGLOSS WAX ERASER       Bioaccumulative potential         Bioaccumulative potential       Not established.         1-propanol (71-23-8)       Log Pow         0.25 (Experimental value)	BOD (% of ThOD)	0.20 - 0.44 % ThOD		
2.3. Bioaccumulative potential         481, DURAGLOSS WAX ERASER         Bioaccumulative potential         Not established.         1-propanol (71-23-8)         Log Pow       0.25 (Experimental value)	butyl glycolether (111-76-2)			
481, DURAGLOSS WAX ERASER         Bioaccumulative potential       Not established.         1-propanol (71-23-8)         Log Pow       0.25 (Experimental value)	Persistence and degradability	Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air.		
Bioaccumulative potential     Not established.       1-propanol (71-23-8)	2.3. Bioaccumulative potential			
1-propanol (71-23-8)       Log Pow       0.25 (Experimental value)	481, DURAGLOSS WAX ERASER			
Log Pow 0.25 (Experimental value)	Bioaccumulative potential	Not established.		
	1-propanol (71-23-8)			
Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4).	Log Pow	0.25 (Experimental value)		
	Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).		

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according to Federal Register / Vol. 77, No. 58 / Monday	r, March 26, 2012 / Rules and Regulations		
butyl glycolether (111-76-2)			
Log Pow	0.81 (Test data; 20 °C)		
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).		
12.4. Mobility in soil			
1-propagal (71-22-9)			
1-propanol (71-23-8) Surface tension	0.024 N/m (20 °C)		
butyl glycolether (111-76-2)	0.005 N/m (20.80: 002)		
Surface tension	0.065 N/m (20 °C; 003)		
12.5. Other adverse effects			
Effect on ozone layer	:		
Effect on the global warming	: No known ecological damage caused by this product.		
Other information	: Avoid release to the environment.		
<b>SECTION 13: Disposal consideratio</b>	ns		
13.1. Waste treatment methods			
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.		
Ecology - waste materials	: Avoid release to the environment.		
SECTION 14: Transport information			
In accordance with DOT			
Not regulated for transport			
Additional information			
Other information	: No supplementary information available.		
ADR No additional information available Transport by sea No additional information available Air transport No additional information available			
SECTION 15: Regulatory informatio	n		
15.1. US Federal regulations			
481, DURAGLOSS WAX ERASER Not listed on the United States TSCA (Toxic Substances Control Act) inventory			
1-propanol (71-23-8)			
Listed on the United States TSCA (Toxic Subs	stances Control Act) inventory		
butyl glycolether (111-76-2) Listed on the United States TSCA (Toxic Subs	stances Control Act) inventory		
Listed on the onlited States TSCA (TOXIC SUDS			
15.2. International regulations			
CANADA No additional information available			
EU-Regulations No additional information available			
Classification according to Regulation (EC) I	No. 1272/2008 [CLP]		

Not classified

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

15.2.2. National regulations

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according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

#### 15.3. US State regulations

1-propanol (71-23-8)				
U.S New Jersey - Right to Know Hazardous Substance List				
butyl glycolether (111-76-2)				
U.S New Jersey - Right to Know Hazardous Substance List				
U.S Pennsylvania - RTK (Right to Know) List				

SECTION 16: Other information			
Revision date	: 05/28/2015		
Other information	: None.		

#### Full text of H-phrases:

ext of fr philases.		
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4	
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A	
Flam. Liq. 2	Flammable liquids, Category 2	
Flam. Liq. 4	Flammable liquids, Category 4	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis	
H225	Highly flammable liquid and vapour	
H227	Combustible liquid	
H302	Harmful if swallowed	
H312	Harmful in contact with skin	
H315	Causes skin irritation	
H318	Causes serious eye damage	
H319	Causes serious eye irritation	
H332	Harmful if inhaled	
H336	May cause drowsiness or dizziness	

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product