

DENTSPLY International

DENTSPLY PROSTHETICS

Safety Data Sheet

Safety Data Sheet (in compliance with Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and Regulation (EC) 453/2010)

Date Issued: 09 November 2012
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1. PRODUCT IDENTIFICATION

Trade Name (as labeled):	NEY DIE-LUBE™ SEPARATING MEDIUM
Product Identifier (Part/Item Number):	9995104, 9995105, 9995106
U.N. Number:	None
U.N. Dangerous Goods Classification:	None
Recommended Use:	Used in construction of dental models
Restrictions on Use:	For Professional Use Only
Manufacturer/Supplier Name:	Dentsply Prosthetics
Manufacturer/Supplier Address:	570 West College Ave. York, PA 17405-0872
Manufacturer/Supplier Telephone Number:	717-845-7511 (Product Information)
Emergency Contact Telephone Number:	800-424-9300 Chemtrec
Email address:	Prosthetics_MSDS@Dentsply.com

2. HAZARD(s) IDENTIFICATION

EU Classification (1999/45/EC): Irritant (Xi) R38, R41

Refer to Section 16 for the full text of the EU Classifications and R Phrases.

Labeling in accordance with 1999/45/EC



Irritant

R38 Irritating to skin
R41 Risk of serious damage to eyes
S16 Keep away from sources of ignition – No smoking.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical attention
S24/25 Avoid contact with skin and eyes.
S37/39 Wear suitable gloves and eye/face protection.
S51 Use only in well-ventilated areas.
S60 This material and/or its container must be disposed of as hazardous waste.

US Hazard Classification: Hazardous (Eye Irritant, Skin Irritant, Exposure limits).





3. COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Components	C.A.S. #	EINECS #	Substance Classification	WT %
Glycerine	56-81-5	200-289-5	Not classified as hazardous	25-50
Sodium Myristyl Sulfate	1191-50-0	214-737-2	Xi R38, R41	10-25

4. FIRST-AID MEASURES

Routes of Exposure	First Aid Instructions
Eye	Flush eyes with water for at least 15 minutes, holding the eyelids apart to ensure thorough rinsing. Get immediate medical attention if irritation persists.
Skin	Wash skin thoroughly with soap and water. Get medical attention if irritation persists. Launder contaminated clothing before re-use.
Inhalation	Remove victim to fresh air. If breathing is difficult have qualified personnel administer oxygen. If breathing has stopped, administer artificial respiration. Get medical attention if symptoms occur.
Ingestion	Rinse out mouth with water. Do not induce vomiting unless directed to by physician.. Never give anything by mouth to an unconscious or drowsy person. Get medical attention if you feel unwell.
Most important symptoms of exposure	May cause severe eye irritation and damage. May cause skin irritation. Prolonged or repeated contact may cause dryness or skin cracking.
Note to Physicians (Treatment, Testing, and Monitoring)	
Treat symptomatically.	

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Use water fog, carbon dioxide, foam or dry chemical.		
Fire Fighting Procedures:	Use water to cool exposed containers and structures.		
Specific Hazards Arising from the Chemical:	Product is not classified as flammable or combustible, but will burn under fire conditions. Closed containers may explode due to pressure build up when exposed to extreme heat.		
Precautions for Fire Fighters:	Firefighters should wear full emergency equipment and approved positive pressure self-containing breathing apparatus.		
Recommended Protective Equipment for Fire Fighters:			
EYES/FACE	HANDS	RESPIRATORY	THERMAL
			



6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, PPE and Emergency Procedures: Wear appropriate protective clothing as described in Section 8. Avoid contact with skin, eyes or clothing.

Environmental Precautions: Do not allow spills to enter sewers or waterways. Report releases as required by local, state, and national authorities.

Methods and Materials for Containment and Clean-up: Wipe up or scoop up material and place into appropriate container for disposal. Spills of this material are extremely slippery. Use caution when recovering spilled material.

Recommended Personal Protective Equipment for Containment and Clean-up:

EYES/FACE	HANDS	RESPIRATORY	THERMAL
			

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Wear protective clothing and equipment as described in Section 8. Use with adequate ventilation. Do not expose to direct sunlight or extreme heat. Keep containers closed when not in use.



Empty containers retain product residues can be hazardous. Follow all MSDS precautions when handling empty containers.

Conditions for Safe Storage: Store in a dry, well ventilated area away from heat, direct sunlight and all sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

Glycerin:	United States	5 mg/m ³ TWA US OSHA PEL (respirable fraction); 15 mg/m ³ TWA US OSHA PEL (Total dust) 10 mg/m ³ TWA ACGIH TLV
	Germany	50 mg/m ³ TWA DFG MAK (inhalable) 100 mg/m ³ STEL DFG MAK (inhalable)

	United Kingdom	10 mg/m3 TWA UK WEL	
	France	10 mg/m3 INRS VME	
	Spain	10 mg/m3 TWA VLA-ED	
	European Union	None Established	
Sodium Myristyl Sulfate	United States	None Established	
	Germany	None Established	
	United Kingdom	None Established	
	France	None Established	
	Spain	None Established	
	European Union	None Established	
Biological Exposure Limits: None established.			
Appropriate Engineering Controls: Use with adequate general or local exhaust ventilation to minimize exposures levels.			
Individual Protection Measures (PPE) Specific Eye/face Protection: Wear safety glasses with side shields when the possibility exists for eye contact due to splashing or spraying material. Specific Skin Protection: Wear nitrile rubber or other impervious gloves to prevent skin contact. Wear impervious clothing as needed to prevent any contact with this product, such as gloves, apron, boots, or whole body suit. Specific Respiratory Protection: None required with adequate ventilation. Specific Thermal Hazards: None			
Recommended Personal Protective Equipment			
EYES/FACE	HANDS	RESPIRATORY	THERMAL
			
Environmental Exposure Controls: None required for normal use.			
General Hygiene Considerations and Work Practices: Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.			
Protective Measures During Repair and Maintenance of Contaminated Equipment: Wear appropriate protective clothing and equipment.			

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless to pale yellow, viscous liquid	Explosive limits:	LEL: None UEL: None
Odor:	Mild, characteristic.	Vapor pressure:	Not determined
Odor threshold:	Not determined	Vapor density:	1.12 – 1.13
pH:	9 - 10	Relative density:	Not determined
Melting/freezing point:	Not determined	Solubility:	Complete
Initial boiling point and range:	215°F (101.7°C)	Partition coefficient: n-octanol/water:	Not determined
Flash point:	Not determined	Auto-ignition temperature:	Not determined
Evaporation rate:	<1 (n-butyl acetate = 1)	Decomposition temperature:	Not determined
Flammability:	Flammable under fire conditions.	Viscosity:	Not determined
Explosive Properties:	None	Oxidizing Properties:	None

10. STABILITY AND REACTIVITY

Reactivity: None known.
Chemical Stability: Stable.
Possibility of Hazardous Reactions: None known
Conditions to Avoid: Extreme heat
Incompatible materials: Avoid oxidizing agents.
Hazardous Decomposition Products: Thermal decomposition may release sulfur, oxides of carbon, and irritating fumes.

11. TOXICOLOGICAL INFORMATION

Potential Health Effects: <u>Eyes:</u> Direct contact may cause severe eye irritation, or injury. <u>Skin:</u> May cause skin irritation. Prolonged or repeated contact may cause dryness or skin cracking. <u>Ingestion:</u> May cause irritation to the digestive system with a nausea, vomiting or diarrhea.

Inhalation: None anticipated under normal use conditions. Inhalation of mists may cause irritation upper respiratory tract. Symptoms include coughing, sneezing and difficulty in breathing.

Chronic Health Effects: None known.

Carcinogenicity: None of the components of this product are listed as carcinogens by OSHA, IARC, ACGIH, the EU Dangerous Substances Directive, or NTP.

Mutagenicity: No data available.

Medical Conditions Aggravated by Exposure: Individuals with pre-existing skin and respiratory disorders may be at increased risk from exposure.

Acute Toxicity Data:

No data available

Reproductive Toxicity Data: No data available.

Specific Target Organ Toxicity (STOT):

Single Exposure: No data available

Repeated Exposure: No data available

12. ECOLOGICAL INFORMATION

Toxicity: No data available

Persistence and Degradability: No data available

Bio-accumulative Potential: No data available

Mobility in Soil: No data available

Other Adverse Effects: No data available

Results of PBT/vPvB Assessment: No data available

13. DISPOSAL CONSIDERATIONS

Regulations: Dispose in accordance with all national and local regulations.

Properties (Physical/Chemical) Affecting Disposal: None currently known.

Waste Treatment Recommendations: None known.

14. TRANSPORT INFORMATION

UN Number:	ADR/RID: None	IMDG: None	IATA: None	DOT: None
UN proper shipping name:	ADR/RID: Not Regulated IMDG: Not Regulated IATA: Not Regulated DOT: Not Regulated			
Transport hazard class(es):	ADR/RID: None	IMDG: None	IATA: None	DOT: None
Packaging group:	ADR/RID: None	IMDG: None	IATA: None	DOT: None
Environmental hazards:	ADR/RID: No	IMDG Marine pollutant: No	IATA: No	DOT: No
Special precautions for user: Not applicable				

15. REGULATORY INFORMATION

U.S. Federal Regulations

US OSHA Hazard Classification: Hazardous: Irritant.

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA): This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

Toxic Substances Control Act (TSCA): All of the components in this product are listed on the TSCA inventory.

Clean Water Act (CWA): This material is not regulated under the Clean Water Act

Clean Air Act (CAA): This material is not regulated under the Clean Air Act

Superfund Amendments and Reauthorization Act (SARA) Title III Information:

SARA Section 311/312 (40 CFR 370) Hazard Categories:

Immediate Hazard:	Yes	Pressure Hazard:	No
Delayed Hazard:	No	Reactivity Hazard:	No
Fire Hazard:	No		

This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372): None

Components	C.A.S. #	WT %
None		

State Regulations

California: This product contains the following substances known to the state of California to cause cancer and/or reproductive toxicity:

Components	C.A.S. #	WT %
None		

International Regulations

Canadian Environmental Protection Act: All of the components in this product are listed on the Domestic Substances List (DSL).

Canadian Workplace Hazardous Materials Information System (WHMIS): Class D Division 2B: Toxic material causing other chronic effects.

This MSDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the MSDS contains all of the information required by the CPR.

European Inventory of Existing Chemicals (EINECS): All of the ingredients are listed on the EINECS inventory.

EU REACH: All components requiring registration have been pre-registered.

Australian Inventory of Chemical Substances: All of the ingredients of this product are listed on the Australian Inventory of Chemical Substances.

China Inventory of Existing Chemicals and Chemical Substances: All of the ingredients of this product are listed on the Inventory of Existing Chemical Substances in China (IECSC).

Korean Existing Chemicals List: All of the ingredients of this product are listed on the Korean Existing Chemicals List (KECL)

Philippine Inventory of Chemicals and Chemical Substances: All of the ingredients of this product are listed on the Philippines Inventory of Chemicals and Chemical Substances (PICCS).

Japanese Existing and New Chemical Substances: All of the ingredients of this product are listed on the Japanese Existing and New Chemical Substances (MITI) List.

16. OTHER INFORMATION

HMIS Hazard Rating:

Health –2 Flammability – 1 Reactivity – 0

Full text of Classification abbreviations used in Section 2 and 3:

R38 Irritating to skin

R41 Risk of serious damage to eyes

Supersedes: 09 November 2012

Revision Summary: Correction to TSCA statement Section 15.

09 November 2012: New SDS

Data Sources: US NLM ChemID Plus and HSDB, Substance SDS for components, IUCLID Dataset EU Chemical Bureau, ESIS, Country websites for occupational exposure limits.