

MSDS *Material Safety Data Sheet*

THE PENRAY COMPANIES, INC.

PENRAY INNER SLIDE LUBE 7005

MSDS Number: 7005

Revision Date: 10/11/2011

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

The Penray Companies, Inc.

440 Denniston Ct.
Wheeling, IL 60090

Contact: EH&S

Telephone Number: 847-459-5000

FAX Number: 847-459-5043

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Web penray.com

Product Name: PENRAY INNER SLIDE LUBE 7005
Revision Date: 10/11/2011
Version: 2
MSDS Number: 7005
Common Name: AEROSOL LUBRICANT CONTAINING HYDROCARBON PROPELLANT
RCRA Number: D001

EMERGENCY PHONE NUMBER (800) 752-7869

2 HAZARDS IDENTIFICATION

Route of Entry: Skin absorption and inhalation
Target Organs: Not Given
Inhalation: Respiratory irritation and dizziness
Skin Contact: Prolonged contact with skin can cause irritation. Repeated skin contact may cause persistent irritation and dermatitis
Eye Contact: Will cause irritation upon contact.
Ingestion: Product may cause discomfort, nausea, vomiting and diarrhea.

NFPA-ratings (scale 0-4): Health = 2, Fire = 4, Reactivity = 0

CHRONIC HEALTH EFFECTS : Over exposure to the ingredients in this product may cause liver abnormalities and kidney damage

CARCINOGENICITY: Product is not considered a carcinogen by OSHA, NTP or IARC.

MEDICAL CONDITIONS: Pre-existing eye or skin conditions may be aggravated by over-exposure to this product.

3 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS #	PERCENT BY WEIGHT
HEPTANE	142-82-5	30% - 60%
PROPANE-n-BUTANE	68476-86-8	15% - 40%
SEVERLY HYDROTRATED NAPHTHA	64742-52-5	10% - 30%
MOLYBDENUM SULFIDE	1317-33-5	1% - 5%
TOLUENE	108-88-3	0.1%- 1%

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4 FIRST AID MEASURES

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention.
Skin Contact: Wash area with soap and water. seek medical attention if irritation persists
Eye Contact: Immediately flush eyes with plenty of water for 15 minutes. Seek medical attention.
Ingestion: DO NOT induce vomiting. Only give CONSCIOUS victim two glasses of water and seek medical attention. NEVER give UNCONSCIOUS anything by mouth.

5 FIRE FIGHTING MEASURES

Flash Point: GHS Category I, Extremely Flammable aerosol, FP < 20 degree F
Flash Point Method: TCC
Burning Rate: Not given
Autoignition Temperature: Not given
LEL: Not given
UEL: Not given
Flammability Classification: NFPA Level III Flammable aerosol

EXTINGUISHING MEDIA: Carbon Dioxide (CO2) Dry Chemical, Foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors are heavier than air and can collect in low areas

FIRE FIGHTING INSTRUCTIONS: Containers can build up pressure if exposed to fire. Containers should be cooled with water supply.

FIRE FIGHTING EQUIPMENT: Self- contained breathing apparatus with full face piece operated in positive pressure mode.

6 ACCIDENTAL RELEASE MEASURES

SPILL/LEAK PROCEDURES: Notify safety personnel ,evacuate all unnecessary personnel and provide adequate ventilation. If feasible, and without risk,clean-up personnel should stop leak. All clean up personnel should wear proper personal protective equipment.

SMALL SPILLS:Clean with inert absorbent and place in recovery drums for disposal.

LARGE SPILLS: Dike to prevent further migration of material. DO NOT release into waterways or sewers. Follow applicable federal and state regulations.

7 HANDLING AND STORAGE

Handling Precautions: Wash thoroughly after handling. Do not get into eyes, on skin or on clothing.. Do not smoke while using this product.Do not use near excessive heat, sparks, or open flame.
Storage Requirements: Store in clean, dry locations away from excessive heat. Store in areas designated for the storage of Level III aerosols according to NFPA 30B (Manufacturing and Storage of Aerosol Products.)

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Eye wash station and safety shower.
Strong general ventilation or local exhaust.

Protective Equipment:

Sealed monogoggles, Gloves such as Nitrile or Neoprene, NIOSH approved and N95
OV rated respirator if misting of product occurs.

HMIS PP, X | Consult your supervisor for special instructions

If there is likelihood of splashing, chemical impervious clothing should be worn. Never wear oil chemical clothing. Affix warning labels on containers in accordance with 29 CFR 1910.1200 (Hazard Communication Standard)

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: No Data Available...

Physical State: No Data Available...

Odor: No Data Available...

pH: No Data Available...

Vapor Pressure: No Data Available...

Vapor Density: No Data Available...

Boiling Point: No Data Available...

Freezing/Melting Pt.: No Data Available...

Solubility: No Data Available...

Spec Grav./Density: No Data Available...

10 STABILITY AND REACTIVITY

Stability: Material is stable.

Conditions to avoid: Excessive heat and open flame.

Materials to avoid (incompatibility): Strong oxidizing agents.

Hazardous Decomposition products: Carbon Monoxide and Carbon Dioxide

Hazardous Polymerization: Cannot occur.

11 TOXICOLOGICAL INFORMATION

LD50
Heptane: No data

12 ECOLOGICAL INFORMATION

No data.

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13 DISPOSAL CONSIDERATIONS

As a waste, this product in its raw form DOES MEET the criteria of a hazardous waste as defined by RCRA (40CFR361). As a waste this product can be fuel blended at a fuel blending facility. Dispose of in accordance with all applicable state, federal and local regulations.

14 TRANSPORT INFORMATION

DOT Class: Flammable Gas (2.1) #2.1

DOMESTIC:

CONSUMER COMMODITY ORM-D

EXPORT:

AEROSOL DISPENSERS, CLASS 2.1 UN1950, LIMITED QUANTITY

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REGULATORY INFORMATION

COMPLIANCE * Information about product ingredient percentages: available upon request

U.S. FEDERAL REGULATORY INFORMATION (SARA/ EPCRA Title III, 42 U.S.C 11001)
Chemicals in this product are subject to the reporting requirements EPCRA.

EPCRA section 301-303- Threshold Planning Quantity: Y

EPCRA section 304 -Reportable Quantity: Y

EPCRA section 311

Categories: Immediate (Acute Health effects)- Y

Delayed Chronic effects- Y

Fire Hazard-Y

Sudden Release of pressure-Y

Reactivity Hazard-N

EPCRA section 312- Threshold Planning Quantity: Y

EPCRA section 313- Y

USEPA/ TSCA Inventory: The components of this product are listed on the USEPA/TSCA (Toxic Substances Control Act) inventory of chemicals, 15 U.S.C. 2601.

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA 42 U.S.C 9601):
Chemicals in this product are subject to the reporting requirements CERCLA section 103

OSHA Hazard Communication Standard: This product has been evaluated and determined to be hazardous as defined in OSHA's Hazard Communication Standard.

STATE and COMMUNITY Right-To-Know regulations (RTK);

LA,CA,NJ,PA,MA,FL,MI,IL,RI,ME,ID,MN,DE

Components Listed in sec 3- Yes

Extremely, Extraordinarily, and Special Hazardous Substance- NJ,MA,PA,NY,WA,WV,WI

Components Listed in sec 3- Yes

CALIFORNIA PROPOSITION 65: This product DOES contain chemicals known to the State of California to cause cancer, birth defects, or reproductive harm: Toluene

CANADIAN REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations(CPR) and the MSDS contains all the information required by the Controlled Products Regulations.

This products contents are listed on the Canadian Domestic Substances List (DSL)

THE INFORMATION PROVIDED HEREIN THIS SECTION MAY NOT INCLUDE THE IMPACT OF ADDITIONAL REGULATORY REQUIREMENTS (e.g., for materials meeting the definition of hazardous waste under RCRA, hazardous substances under CERCLA, and/of marine pollutants (MARPOL) under CWA or similar federal, state, provincial or laws regulations, within or outside the geographic boundaries of the U.S.A.

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OTHER INFORMATION

CALIFORNIA PROPOSITION 65: This product does contain ingredients which are on the current Proposition 65 list known to the State of Ca. to cause reproductive harm: Toluene

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END OF MSDS DOCUMENT