

MATERIAL SAFETY DATA SHEET

RECORD NO.: P622

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SECTION 1. NAME AND PRODUCT

PS073.5

NAME: PS073.5

SYNONYMS: Dimethylsiloxane-Ethylene Oxide Copolymer

CAS REG.NO.: 0068937-57-2 FORMULA: NA

SECTION 2. HAZARDOUS INGREDIENTS

PS073.5

COMPONENT

ACGIH TLV

OSHA PEL

Dimethylsiloxane-Ethylene Oxide Copolymer [68937-57-2] NA

NA

LEGEND:

- (+) This chemical is subject to the reporting requirements of SARA Title III Section 313 and 40CFR Part 372, and is potentially at the maximum concentration listed.
- (++) SARA Title III Section 302 Extremely Hazardous Substance
- (+++)
[00000-00-0] CERCLA Hazardous Substance
[00000-00-0] Chemical Abstracts Services Registry Number.

If no marks appear with a listed ingredient, then the ingredient is not included in any of the regulatory categories appearing in the Legend of this Material Safety Data Sheet.

SECTION 3. PHYSICAL DATA

PS073.5

APPEARANCE: Colorless to yellow liquid

B.PT.(deg.C/mm): >93 C

VAPOR PRESSURE(mm/deg.C): NA

M.PT.(deg.C): -14

VAPOR DENSITY(AIR=1): NA

% SOLUBLE IN WATER: Soluble

SPECIF.GRAVITY: 1.07

% VOLATILE BY VOLUME: NA

SECTION 4. FIRE AND EXPLOSION HAZARD

PS073.5

FLASH POINT: 74 C (165 F) closed cup

FLAMMABLE LIMITS (STP IN AIR)

LOWER LIMITS: NA

UPPER LIMITS: NA

FIRE EXTINGUISHING MEDIA: CO2, foam, dry chemical

Water spray or fog

PERSONAL PROTECTION FOR FIGHTING FIRE: Fire fighters must wear positive-pressure, self-contained breathing apparatus and full protective clothing.

SECTION 5. REACTIVITY DATA

PS073.5

STABILITY (UNDER NORMAL CONDITIONS): Stable

CONDITIONS TO AVOID:

- Contact with alkali.
- Contact with acids.
- Contact with oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Silicon dioxide; Carbon dioxide; and traces of incompletely burned carbon products.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID:

NA

HMIS RATINGS (Scale 0-4)

HEALTH: 1

FLAMMABILITY: 2

REACTIVITY: 0

SECTION 6. SPILL OR LEAK PROCEDURES

PS073.5

IN CASE OF SPILL:

- Absorb spilled material with suitable chemical binder.
- Shovel absorbent into suitable waste container.
- Do not contaminate soil, groundwater, or surface water.

DISPOSAL METHOD:

Incinerate. Follow all federal, state, and local regulations.

SECTION 7. HEALTH HAZARD DATA

PS073.5

TOXICITY:

No information available.

ROUTES AND EFFECTS OF EXPOSURE:

EYES: *Irritant.

SKIN: *Irritant.

INHALATION: *Irritant.

INGESTION: No information available-Avoid contact.

SEE NOTE(S) BELOW.

NOTE:

Material may form a siloxane polymer on the skin, eyes, or in the lungs.

In the event of direct contact of the liquid with these tissues, seek medical attention.

* The information provided here is based on published data for structurally analogous chemicals (not on bio-assay of this specific substance)

FIRST AID PROCEDURES:

EYES: Flush with clean water for at least 15 minutes and consult physician

SKIN: Scrub with soap and water

SKIN: Remove contaminated clothing and shoes

INHALATION: Remove victim to fresh air

INHALATION: Give CPR or oxygen if necessary

INGESTION: Give one full cup of milk or water. Induce vomiting

INGESTION: Get medical attention

---If symptoms persist, get medical attention---

---Never give anything by mouth to an unconscious person---

CARCINOGEN STATUS: NTP?: No IARC MONOGRAPH?: No OSHA REGULATED?: No

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SECTION 8. SPECIAL PROTECTION INFORMATION PS073.5
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VENTILATION:

Maintain adequate ventilation
Mechanical ventilation recommended

RESPIRATORY PROTECTION:

In case of exposure, use appropriate NIOSH approved respiratory protection

PROTECTIVE CLOTHING:

Use impervious gloves

EYE PROTECTION:

Use safety glasses with side shields.

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SECTION 9. PRECAUTIONS OR OTHER COMMENTS PS073.5
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HANDLING AND STORAGE:

Store in a cool and dry place
Maintain tightly closed container
Store away from alkaline, acidic, and oxidizing materials
Provide adequate ventilation

PROPER SHIPPING NAME: Combustible liquids, n.o.s.

TECHNICAL NAME: (Dimethylsiloxane-Ethyl oxide copolymer)

HAZARD CLASS: Combustible liquid ID NO.: NA1993 PACKING GROUP: III ERG: 27

HAZARD LABEL(S): None

(Applies only to containers over 110 gallons)

Since empty containers retain product residue, follow hazard precautions even after container is emptied.

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NA = No applicable or relevant information available

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Prepared by UCT Environmental & Safety Department
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