

GHS LABEL ELEMENTS INCLUDING PRECAUTIONARY STATEMENTS
SYMBOL



SIGNAL WORD : Danger

HAZARD STATEMENT : ·Causes eye irritation.
·Suspected of causing genetics.
·Causes damage to organs through prolonged or repeated exposure.

PRECAUTIONARY STATEMENTS

[PREVENTION] ·Do not handle until "SAFETY DATA SHEETS" has been read and understood well.
·Avoid inhaling, swallowing, contact with eyes and skin. Wear safety glasses, gloves and face protection.
·Wash hands and face thoroughly and rinse mouth after handling.

[RESPONSE] ·IN CASE OF FIRE : Use carbon dioxide, dry chemical powder and foam for extinction.
·IN CASE OF MAJOR FIRE : Use foam and a large amount of water fog to extinguish.
·IF SWALLOWED : Rinse mouth. Do NOT induce vomiting.
·IF INHALED : Remove to fresh air and keep at rest in a position comfortable for breathing.
·IF ON SKIN : Wash with plenty of soap and water.
·IF IN EYES : Rinse cautiously for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
·IF EXPOSED OR CONCERNED : Get medical advice/attention.

[STORAGE] ·Keep container tightly closed and store in a well-ventilated place.
·Store locked up.

[DISPOSAL] ·Dispose of contents/container in accordance with national and regional regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS (The contents are representative values.)

SUBSTANCE/MIXTURE : Mixture

COMMON NAME(S),SYNONYM(S) OF THE SUBSTANCE

: Mixture of mineral oil, metallic soap, water, etc

UNIQUE IDENTIFIERS FOR THE SUBSTANCE

: Proprietary

COMPONENTS AND CONTENTS

: Trade secret

COMPONENTS WHICH CONTRIBUTE TO THE CLASSIFICATION OF THE SUBSTANCE AND
HAZARDOUS INGREDIENT (S) – JAPANESE REGULATION-

: Mineral oil (highly-refined oil)	Wt.% 34%
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4. FIRST AID MEASURES

IF INHALED : ·Remove to fresh air and keep at rest in a position comfortable for breathing.
Get medical advice/attention, if you are experiencing respiratory symptoms.

IF ON SKIN : ·Wash immediately with plenty of soap and water. Get medical advice/attention, if necessary.

IF IN EYES : ·Rinse cautiously for 15 minutes or more. Get medical advice/attention immediately.

IF SWALLOWED : ·After rinsing mouth immediately, give ca. 250ml of milk or water. Get medical advice/attention immediately. Do not induce vomiting.

- Do not give anything by mouth to the victim when not conscious.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA : Carbon dioxide, dry chemical powder, foam, water fog

UNSUITABLE EXTINGUISHING MEDIA : Water jet

SPECIFIC EXTINCTION METHOD

- Eliminate all ignition sources, and use suitable extinguishing media.
- Spray water on the surrounding equipment for cooling.

SPECIAL PROTECTIVE ACTION FOR FIRE- FIGHTERS

- Extinguish from the windward to prevent poisonous gas from being inhaled.
- Appropriate protective equipment (gloves, glasses, and mask) must be worn.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

- Wear appropriate protective equipment (gloves, safety glasses with side-guard, etc.).
- The spilled area is slippery.

ENVIRONMENTAL PRECAUTIONS

- Do not allow spillage out into the environment causing pollution e.g., rivers, waterways.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

- Contain spillage by making on embankment of earth, sand, etc., and collect into container(s) by shoveling or vacuuming.
- In case of small spillage, absorb with sand, sawdust, etc.
- In case of very small spillage, wipe clean with the rag, etc.

7. HANDLING AND STORAGE

HANDLING

TECHNICAL MEASURES

- Handle in a well-ventilated area. Wear impervious gloves, safety glasses with side-guard,etc. Avoid direct contact.
- Set local exhaust or general ventilation of as described in chapter "8. EXPOSURE CONTROLS/PERSONAL PROTECTION".

PRECAUTIONS FOR SAFE HANDLING

- Wash hands and face thoroughly and rinse mouth after handling.
- In case to wash work clothes, gloves, shoes, etc. contaminated with the product, avoid contact with clothes.

CONTACT AVOIDANCE

- Avoid contact with strong oxidizing agents, etc.
- Keep fire away.

STORAGE

CONDITIONS FOR SAFE STORAGE

- Keep container tightly closed and store in a well-ventilated indoors.

PACKAGING MATERIAL

- Store in original containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

ACGIH : Mineral oil : TWA 5mg/m³(1)

(1)

APPROPRIATE ENGINEERING CONTROLS

- Establish the adequate local exhauster if vapor, dust or mist occurs.

·Establish eye washing and body washing facilities near the work areas.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION	: ·Not required under normal conditions.
HAND PROTECTION	: ·Impervious gloves
EYE/FACE PROTECTION	: ·Safety glasses
SKIN AND BODY PROTECTION	: ·Work clothes with long sleeves

9. PHYSICAL AND CHEMICAL PROPERTIES (representative values)

APPEARANCE (at 20°C)

PHYSICAL STATE	: Liquid
COLOR	: White
ODOR	: Mineral oil odor

MELTING POINT/FREEZING POINT

: 0°C (32°F) (Freezing point)

BOILING POINT OR INITIAL BOILING POINT AND BOILING RANGE

: 100°C (212°F) (water)

FLAMMABILITY : No data

LOWER AND UPPER EXPLOSION LIMIT /FLAMMABILITY LIMIT

: No data

FLASH POINT : Not combustible (water of the product boils) (Cleveland Open Cup)

AUTO-IGNITION TEMPERATURE

: No data

DECOMPOSITION TEMPERATURE

: No data

pH : 7.0 (1% aqueous suspension)

KINEMATIC VISCOSITY : (Viscosity) 1000mPa·s (at 25°C)

SOLUBILITY

WATER SOLUBILITY : Dispersive

PARTITION COEFFICIENT N-OCTANOL/WATER (LOG VALUE)

: No data

VAPOUR PRESSURE : No data

DENSITY AND/OR RELATIVE DENSITY

: 0.95 (at 25°C) (Specific gravity)

RELATIVE VAPOUR DENSITY

: No data

PARTICLE CHARACTERISTICS

: No data

10. STABILITY AND REACTIVITY

REACTIVITY : No data

CHEMICAL STABILITY : Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS

: Reacts with strong oxidizing agents, etc.

CONDITION TO AVOID : No data

INCOMPATIBLE MATERIALS : Strong oxidizing agents, etc.

HAZARDOUS DECOMPOSITION PRODUCTS

: No data

OTHERS : No data

11. TOXICOLOGICAL INFORMATION (DATA for this product or similar product.)

ACUTE TOXICITY [ORAL] : Classification not possible

No data		
ACUTE TOXICITY [SKIN]	: Classification not possible	
No data		
ACUTE TOXICITY [INHALATION: GAS]	: No classification	
Not classified by the GHS definition of gas.		
ACUTE TOXICITY [INHALATION: VAPOR]	: Classification not possible	
No data		
ACUTE TOXICITY [INHALATION: DUST, MIST]	: Classification not possible	
[Mineral oil(highly-refined oil)] Category 4		(2)
SKIN CORROSION / IRRITATION	: Classification not possible	
No data		
SERIOUS EYE DAMAGE/EYE IRRITATION	: Category 2B	
[Mineral oil(highly-refined oil)] Category 2B		(2)
RESPIRATORY SENSITIZATION	: Classification not possible	
No data		
SKIN SENSITIZATION	: Classification not possible	
No data		
GERM CELL MUTAGENICITY	: Category 2	
[Mineral oil(highly-refined oil)] Category 2		(2)
CARCINOGENICITY	: Classification not possible	
No data		
REPRODUCTIVE TOXICITY	: Classification not possible	
No data		
SPECIFIC TARGET ORGAN TOXICITY –SINGLE EXPOSURE	: Classification not possible	
No data		
SPECIFIC TARGET ORGAN TOXICITY –REPEATED EXPOSURE	: Category 1(skin)	
[Mineral oil(highly-refined oil)] Category 1 (skin)		(2)
ASPIRATION HAZARD	: Classification not possible	
No data		

12. ECOLOGICAL INFORMATION (DATA for this product or similar product.)

SHORT-TERM (ACUTE) AQUATIC HAZARDS	: Classification not possible
ECOTOXICITY : No data	
LONT-TERM (CHRONIC) AQUATIC HAZARDS	: Classification not possible
No data	
PERSISTENCE AND DEGRADABILITY	: No data
BIOACCUMULATION POTENTIAL	: No data
MOBILITY IN SOIL	: No data
OTHER DATA : No data	
HAZARDOUS TO THE OZONE LAYER	: Classification not possible
No data	

13. DISPOSAL CONSIDERATIONS

·Dispose of contents/container in accordance with national and regional regulations.

14. TRANSPORT INFORMATION

UN NUMBER : Not applicable

PROPER SHIPPING NAME : Not applicable
UN CLASS : Not applicable
PACKING GROUP : -
ENVIRONMENTAL HAZARDS : Not applicable

INTERNATIONAL REGULATIONS

LAND : Transport in accordance with national and regional regulations (RID, ADR, DOT, etc.).
SEA : Transport in accordance with IMDG Code.
AIR : Transport in accordance with ICAO-TI/IATA-DGR.
EMERGENCY RESPONSE GUIDELINE NUMBER : 171

15. REGULATORY INFORMATION

Regulatory information with regards to this substance in your country or in your region should be examined by your own responsibility.

16. OTHER INFORMATION

REFERENCES

- (1) TLVs and BEIs, ACGIH, 2015
- (2) Results of the GHS classification, National Institute of Technology and Evaluation (NITE)

NOTICE TO CUSTOMERS

*Please mix until the appearance is uniform before use.

* All specifications which were created based on the information which was available at the time and may be revised at anytime according to new information.

* To the best of our knowledge, the information contained herein is accurate. However, SAN NOPCO LIMITED assumes no liability whatsoever for the accuracy or completeness of the information contained herein. All materials may present unknown health hazards and should be used with caution. Final determination of suitability of any material is the sole responsibility of the user.

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