

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product identifier : **Deep Creep**

Product Use : For internal and external engine use

Chemical Family : Mixture.



Supplier's name and address:
Sea Foam Sales Company
 12987 Pioneer Trail
 Eden Prairie, MN, USA
 55347

Manufacturer's name and address:
 Refer to Supplier

Information Telephone # : (952) 938-4811

24 Hr. Emergency Tel # : INFOTRAC - (800) 535-5053 (Within Continental US); (352) 323-3500 (Outside US)
 NOTE: INFOTRAC emergency number is to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.



SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Ingredients</u> | <u>CAS #</u> | <u>Wt. %</u> |
|-----------------------|---------------------------|--------------|
| Pale Oil | 64742-65-0 | 40 - 70 |
| Low Odor Base Solvent | 64742-96-7 and 64742-47-8 | 30 - 60 |
| IPA | 67-63-0 | 10 - 30 |
| Carbon dioxide | 124-38-9 | 3 - 7 |

SECTION 3 - HAZARDS IDENTIFICATION

Classification: OSHA: Hazardous classification: Compressed gas; Flammable aerosol; Acute Health Hazard

WHMIS classification: Class A (Pressurized containers); Class B5 (Flammable Aerosols); Class D2B (Materials Causing Other Toxic Effects, Toxic Material)

Emergency Overview: Clear liquid, contained in a pressurized aerosol can. Typical odour. Warning! Flammable aerosol. Vapors may cause flash fire. Harmful or fatal if swallowed. Can enter the lungs and cause damage. Harmful if inhaled. May cause nausea, vomiting, headache and other central nervous system effects. Causes eye irritation. May cause skin irritation.

POTENTIAL HEALTH EFFECTS:

Signs and symptoms of short-term (acute) exposure

- Inhalation:* Inhalation of vapors can cause nasal and respiratory irritation. Exposure to high vapor concentration can cause dizziness, nausea and central nervous system depression. May be fatal if inhaled. Breathing saturated vapors for a few minutes may be fatal. Saturated vapors can be encountered in confined spaces and/or under conditions of poor ventilation. Propellant is a simple asphyxiant.
- Skin:* May cause mild skin irritation. If product is sprayed directly on skin, symptoms of frostbite may be experienced including numbness, prickling and itching.
- Eyes:* May cause moderate to severe irritation. Spraying the product directly into the eyes may cause freezing, and could cause eye damage.
- Ingestion:* Not an expected route of entry under normal conditions of use. However, if the product is sprayed directly into mouth and large amounts of the liquid concentrate are swallowed, it may cause irritation to the mouth, throat and stomach. May cause central nervous system depression. May be absorbed and cause symptoms similar to those for inhalation. Symptoms may include burning pain, vomiting and diarrhea. Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal.

Effects of long-term (chronic) exposure:

Prolonged skin contact may cause dermatitis (rash), characterized by red, dry, itching skin. Prolonged overexposure to product can result in permanent central nervous system changes.

Additional health hazards: See TOXICOLOGICAL INFORMATION, Section 11.

Potential environmental effects: See ECOLOGICAL INFORMATION, Section 12.

SECTION 4 - FIRST AID MEASURES

| | |
|----------------------------|--|
| Inhalation: | Immediately remove person to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen by qualified medical personnel only. Seek immediate medical attention/advice. |
| Skin contact: | Remove/Take off immediately all contaminated clothing. Wash exposed area thoroughly with soap and water for at least 15 minutes. Get medical attention. |
| Eye contact: | Immediately flush eyes with plenty of water for at least 15 minutes. Lift upper and lower lids during flushing to ensure complete removal of chemical. Remove contact lenses. Seek immediate medical attention/advice. |
| Ingestion: | Seek immediate medical attention/advice. Do not induce vomiting. Do not give liquids to drink. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration. |
| Notes For Physician | Treat symptomatically. |

SECTION 5 - FIRE FIGHTING MEASURES

Fire hazards/conditions of flammability

- : Flammable aerosol. Will ignite when exposed to heat, flame and other sources of ignition. Closed containers are contained under pressure and may explode if exposed to excess heat for a prolonged period of time.

Flammability classification (OSHA 29 CFR 1910.1200)

- : Flammable aerosol.

Oxidizing properties

- : None known.

Explosion data: Sensitivity to mechanical impact / static discharge

- : Not available.

Suitable extinguishing media

- : Dry chemical, foam, carbon dioxide and water fog.

Special fire-fighting procedures/equipment

- : Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame. Direct water or foam spray may cause frothing which can increase the intensity and range of the fire.

Hazardous combustion products

- : Carbon oxides; nitrogen oxides (NOx); Sulphur oxides; Phosphorus compounds; other unidentified organic compounds; irritating fumes and smoke.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions

- : All persons dealing with clean-up should wear the appropriate protective equipment including self-contained breathing apparatus. Keep all other personnel upwind and away from the spill/release. Restrict access to area until completion of clean-up.

Environmental precautions

- : Ensure spilled product does not enter drains, sewers, waterways, or confined spaces.

Spill response/cleanup

- : Ventilate area of release. Remove all sources of ignition. Stop spill or leak at source if safely possible. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal (see Section 13). Large spills should be collected mechanically (remove by pumping) for disposal. Use only non-sparking tools and equipment in the clean-up process. Notify the appropriate authorities as required.

Prohibited materials

- : None known.

Special spill response procedures

- : If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8002).
US CERCLA Reportable quantity (RQ): None.

SECTION 7 - HANDLING AND STORAGE

- Safe Handling procedures** : Use in a well-ventilated area. Wear suitable protective equipment during handling. Do not breathe vapors or spray mist. Avoid contact with skin, eyes and clothing. Keep away from heat and sources of ignition. Use proper bonding and grounding techniques when transferring liquid. Avoid contact with incompatible materials. Wash thoroughly after handling.
- Storage requirements** : Store in a cool, dry, well-ventilated area. Keep away from direct sunlight. Store away from areas of excessive heat, open flames, sparks, and other possible sources of ignition. Keep away from incompatibles. Keep containers tightly closed when not in use. Level 3 aerosol.
- Incompatible materials** : Strong oxidizing agents; Strong acids; Alkali metals; Aluminium.
- Special packaging materials** : Always keep in containers made of the same materials as the supply container.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

| <u>Exposure Limits</u> | | | | |
|--|------------------|-------------|-----------------------------------|-------------|
| <u>Ingredients</u> | <u>ACGIH TLV</u> | | <u>OSHA PEL</u> | |
| | <u>TWA</u> | <u>STEL</u> | <u>PEL</u> | <u>STEL</u> |
| Hydrotreated heavy naphthenic distillate | N/Av | N/Av | N/Av | N/Av |
| Alkanes, C12-14, iso- | N/Av | N/Av | N/Av | N/Av |
| Isopropyl alcohol | 200 ppm | 400 ppm | 400 ppm | N/Av |
| Carbon dioxide | 5000 ppm | 30000 ppm | 5000 ppm ; 9000 mg/m ³ | N/Av |

- Ventilation and engineering measures** : Provide mechanical ventilation in confined spaces. Use explosion-proof equipment.
- Respiratory protection** : If the TLV is exceeded, a NIOSH/MSHA-approved respirator is advised. Advice should be sought from respiratory protection specialists.
- Skin protection** : Impervious gloves must be worn when using this product. Advice should be sought from glove suppliers. Wear long sleeved shirt and pants to minimize exposed skin.
- Eye / face protection** : Chemical safety glasses with side shields or splash proof goggles. A full face shield may also be necessary.
- Other protective equipment** : Depending on conditions of use, an impervious apron should be worn. An eyewash station and safety shower should be made available in the immediate working area.
- General hygiene considerations** : Avoid breathing vapour or mist. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove and wash contaminated clothing before re-use.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- | | |
|---|---|
| Physical state : Liquid aerosol. | Appearance : Colorless aerosol spray. |
| Odour : Typical odor. | Odor threshold : N/Av |
| pH : N/Av | |
| Boiling point : N/Av | Specific gravity : (concentrate) 0.77 |
| Melting/Freezing point : N/Av | Coefficient of water/oil distribution : N/Av |
| Vapor pressure (mmHg @ 20° C / 68° F) : 75-85 psig @ 21°C | Solubility in water : Complete |
| Vapor density (Air = 1) : >1 | Evaporation rate (n-Butyl acetate = 1) : (water = 1) >1 |
| Volatile organic Compounds (VOC's) : N/Av | Volatiles (% by weight) : N/Av |
| Flash point : N/Av | |
| Flash point Method : N/Av | Auto-ignition temperature : N/Av |
| Lower flammable limit (% by vol.) : 2.1 (propellant) (Lower explosion limit) | Upper flammable limit (% by vol.) : 8.5 (propellant) (Upper explosion limit) |

Flame Projection Length : N/Av Flashback observed : N/Av

Section 10: Stability And Reactivity

Stability and reactivity : Stable under the recommended storage and handling conditions prescribed.
Hazardous polymerization : Will not occur.
Conditions to avoid : Keep away from excessive heat, open flames, sparks and other possible sources of ignition.

Materials To Avoid And Incompatibility

: See Section 7 (Handling and Storage) for further details.

Hazardous decomposition products

: None known, refer to hazardous combustion products in Section 5.

SECTION 11 - TOXICOLOGICAL INFORMATION

Target organs : Eyes, skin, respiratory system and digestive system.
Routes of exposure : *Inhalation:* YES *Skin Absorption:* NO *Skin & Eyes:* YES *Ingestion:* YES
Toxicological data : There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

| <u>Ingredients</u> | <u>LC50(4hr)</u> <u>inh, rat</u> | <u>LD50</u> | |
|--|-------------------------------------|--------------------|-------------------------|
| | | <u>(Oral, rat)</u> | <u>(Rabbit, dermal)</u> |
| Hydrotreated heavy naphthenic distillate | 2.18 mg/L | >5000 mg/kg | >2000 mg/kg |
| Alkanes, C12-14, iso- | N/Av | N/Av | N/Av |
| Isopropyl alcohol | 17000 ppm | 4720 mg/kg | 12890 mg/kg |
| Carbon dioxide | N/Av | N/Av | N/Av |

Carcinogenic status : No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.
Reproductive effects : Not expected to have other reproductive effects.
Teratogenicity : Not expected to be a teratogen.
Mutagenicity : Not expected to be mutagenic in humans.
Epidemiology : Not available.
Sensitization to material : Not expected to be a skin or respiratory sensitizer.
Synergistic materials : None known or reported by the manufacturer.
Irritancy : May cause eye, skin and respiratory tract irritation.
Other important hazards : None known or reported by the manufacturer.
Conditions aggravated by overexposure : None known or reported by the manufacturer.


SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity : No data is available on the product itself.
Mobility : No data is available on the product itself.
Persistence : No data is available on the product itself.
Bioaccumulation potential : No data is available on the product itself.
Other Adverse Environmental effects : The ecological characteristics of this product have not been fully investigated. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.

SECTION 13 - DISPOSAL CONSIDERATIONS

Handling for Disposal : Handle waste according to recommendations in Section 7. Empty containers retain residue (liquid and/or vapor) and can be dangerous.
Methods of Disposal : Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.
RCRA : If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

SECTION 14 - TRANSPORTATION INFORMATION

| Regulatory Information | UN Number | Shipping Name | Class | Packing Group | Label |
|---|---|--------------------|-------|---------------|---|
| TDG | UN1950 | AEROSOLS | 2.1 | none | |
| TDG Additional information | May be shipped under Section 1.17 when packages are marked "Consumer Commodity". Must be a consumer-type product, in Limited Quantity size. Package weight must not exceed 30 kg gross. | | | | |
| 49CFR/DOT | None | Consumer Commodity | ORM-D | none |  |
| 49CFR/DOT Additional information | Must be a consumer-type product, in Limited Quantity size. Package weight must not exceed 30 kg gross. | | | | |

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

This material is classified as hazardous under OSHA regulations (29CFR 1910.1200). See Section 2.

TSCA: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.

SARA TITLE III: Sec. 302, Extremely Hazardous Substances, 40 CFR 355: No Extremely Hazardous Substances are present in this material.

SARA TITLE III: Sec. 311 and 312, MSDS Requirements, 40 CFR 370 Hazard Classes: Fire Hazard; Acute Health Hazard.

Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds for the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

SARA TITLE III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372: This product may be subject to SARA notification requirements, since it contains Toxic Chemical constituents above their de minimus concentrations. This product contains: Isopropyl alcohol

US State Right to Know Laws:

California Proposition 65: To the best of our knowledge, this product does not contain any chemicals known to the State of California to cause cancer or reproductive harm.

International Information:

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL). This product is a WHMIS Controlled Product. It meets one or more of the criteria for a controlled product provided in Part IV of the Canadian Controlled Products Regulations (CPR). See Section 2.

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

SECTION 16 - OTHER INFORMATION

NFPA/HMIS Rating : * - Chronic hazard 0 - Minimal 1 - Slight 2 - Moderate 3 - Serious 4 - Severe

*Health: *1 Flammability: 3 Reactivity: 0*

Legend :

ACGIH: American Conference of Governmental Industrial Hygienists
 CAS: Chemical Abstract Services
 CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
 CFR: Code of Federal Regulations
 DOT: Department of Transportation
 EPA: Environmental Protection Agency
 HMIS: Hazardous Materials Identification System
 HSDB: Hazardous Substances Data Bank
 IARC: International Agency for Research on Cancer
 Inh: Inhalation
 MSHA: Mine Safety and Health Administration
 N/Av: Not Applicable
 N/Av: Not Available

NFPA: National Fire Protection Association
 NIOSH: National Institute of Occupational Safety and Health
 NTP: National Toxicology Program
 OSHA: Occupational Safety and Health Administration
 PEL: Permissible exposure limit
 RCRA: Resource Conservation and Recovery Act
 RTECS: Registry of Toxic Effects of Chemical Substances
 SARA: Superfund Amendments and Reauthorization Act
 STEL: Short Term Exposure Limit
 TDG: Canadian Transportation of Dangerous Goods Act & Regulations
 TLV: Threshold Limit Values
 TPQ: Threshold Planning Quantity
 TWA: Time Weighted Average
 TSCA: Toxic Substance Control Act
 WHMIS: Workplace Hazardous Materials Identification System

Deep Creep

MSDS Revision Date (mm/dd/yyyy): 06/01/2011

- References:**
1. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2009
 2. International Agency for Research on Cancer Monographs, searched 2009
 3. Canadian Centre for Occupational Health and Safety, CCIInfoWeb databases (Chempendium, HSDB and RTECs).
 4. Material Safety Data Sheet from manufacturer.
 5. US EPA Title III List of Lists
 6. California Proposition 65 List

Prepared for: Direct all enquiries to:
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Prepared by: ICC The Compliance Center Inc.

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- Preparation Date (dd/mm/yyyy) :** 08/11/2007
Reviewed Date (dd/mm/yyyy) : 06/01/2011
Revision No. : 3
Revision Information : (M)SDS sections updated: All

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