



SEA FOAM DEEP CREEP SAFETY DATA SHEET

According to the NOM-018-STPS-2015

Version: 4022MX
SDS Revision Date: 20/01/2022

Applicable Law: Mexico
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SECTION 1. IDENTIFICATION OF THE HAZARDOUS CHEMICAL OR MIXTURE AND THE SUPPLIER OR MANUFACTURER

Product name : Sea Foam Deep Creep
 Product code : DC14MX
 Product form : Mixture
 Recommended use and restrictions : Lubricating and penetrating oil.
 Manufacturer : Sea Foam International, Inc.
 812 Burlington Drive, Suite 100
 Bismarck, ND 58504-0639
 T (701) 751-7363

Emergency Telephone Number : INFOTRAC - 1 (352) 323-3500



SECTION 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS MX Classification

Aerosol 1	H222; H229
Asp. Tox. 1	H304
Acute Tox. 5 (Dermal)	H313
Aquatic Acute 2	H401

GHS Label elements, including precautionary statements

GHS MX labelling

Hazard pictograms (GHS MX)



GHS02

GHS08

Signal word (GHS MX)

DANGER

Hazard statements (GHS MX)

H222 - Extremely flammable aerosol.
 H229 - Pressurized container: May burst if heated.
 H304 - May be fatal if swallowed and enters airways.
 H313 - May be harmful in contact with skin.
 H401 - Toxic to aquatic life.

Precautionary statements (GHS MX)

P101 - If medical advice is needed, have product container or label at hand.
 P102 - Keep out of reach of children.
 P103 - Read label before use.
 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P211 - Do not spray on an open flame or other ignition source.
 P251 - Do not pierce or burn, even after use.
 P273 - Avoid release to the environment.
 P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.
 P331 - Do NOT induce vomiting.
 P312 - Call a POISON CENTER or doctor if you feel unwell.
 P405 - Store locked up.
 P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C / 122 °F.
 P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Other Hazards

May displace oxygen and cause rapid suffocation.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Name	Product Identifier	% wt	GHS MX Classification
Petroleum distillates	*	*	Asp. Tox. 1, H304
Hydrocarbon-based solvent	*	*	Flam. Liq. 3, H226 Acute Tox. 5 (Dermal), H313 Asp. Tox. 1, H304 Aquatic Acute 2, H401
Petroleum based oxidate	*	*	Asp. Tox. 1, H304
Isopropyl alcohol	(CAS-No.) 67-63-0	10 - 30*	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Alkenes, C20-24 .alpha.-	*	*	Asp. Tox. 1, H304

*Chemical ingredient identity and/or concentration information withheld for some or all components present is confidential business information.

EN (English)



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SECTION 4. FIRST-AID MEASURES

Description of first aid measures

- First-aid measures after inhalation* : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
- First-aid measures after skin contact* : IF ON SKIN: Wash with plenty of water. Call a poison center or a doctor if you feel unwell.
- First-aid measures after eye contact* : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion* : IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

- Symptoms/effects after inhalation* : May displace oxygen and cause rapid suffocation. May cause irritation to the respiratory tract.
- Symptoms/effects after skin contact* : May be harmful in contact with skin. May cause skin irritation. Repeated exposure may cause skin dryness or cracking.
- Symptoms/effects after eye contact* : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
- Symptoms/effects after ingestion* : May be fatal if swallowed and enters airways. May cause gastrointestinal irritation, nausea, vomiting and diarrhea. May result in aspiration into the lungs, causing chemical pneumonia.

Immediate medical attention and special treatment, if necessary

- Other medical advice or treatment* : Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

- Suitable extinguishing media* : Dry chemical. Alcohol foam. Carbon dioxide. Water fog.
- Unsuitable extinguishing media* : Do not use a solid water stream as it may scatter and spread fire.

Special hazards arising from the substance or mixture / Conditions of flammability

- Fire hazard* : Extremely flammable aerosol. Products of combustion may include, and are not limited to: oxides of carbon. Nitrogen oxides. Sulphur oxides. Other unidentified organic compounds. Toxic and irritating gases may be released. Will float and can be reignited on water surface.
- Explosion hazard* : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. Vapors are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapors.
- Reactivity* : No dangerous reactions known under normal conditions of use.

Special protective equipment and precautions for fire-fighters

- Firefighting instructions* : Move containers away from the fire area if this can be done without risk. Cool closed containers exposed to fire with water spray.
- Protection during firefighting* : Keep upwind of fire. Wear full fire-fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- General measures* : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate every possible source of ignition. Use only non-sparking tools. Use special care to avoid static electric charges.

Environmental precautions

- : Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.



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Methods and materials for containment and cleaning up

For containment : Stop leak if safe to do so. Eliminate every possible source of ignition. Do not use sawdust or other combustible material to absorb spilled material. Absorb and/or contain spill with inert material (sand, vermiculite, or other appropriate material), then place in a suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.

Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with eyes, skin and clothing. Avoid breathing vapors, mist. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Do not spray on an open flame or other ignition source. Use only in well ventilated areas. Take precautionary measures against static discharge. Use explosion-proof equipment.

Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.

Additional hazards when processed : Do not pierce or burn, even after use. Keep away from sources of ignition – No smoking. Hazardous waste due to potential risk of explosion.

Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed.

Storage conditions : Keep out of the reach of children. Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store in a dry, cool and well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122 °F. Store locked up. Keep in fireproof place.

Incompatible materials : Strong oxidizing agents. Acids. Caustics. Heat Sources.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Isopropyl alcohol (67-63-0)

Mexico - Occupational Exposure Limits

OEL TWA [2]	200 ppm
OEL STEL [ppm]	400 ppm

Appropriate engineering controls : Provide local exhaust or general room ventilation. Provide readily accessible eye wash stations and safety showers. Use explosion-proof equipment.

Environmental exposure controls : Avoid release to the environment.

Other information : Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

Individual protection measures/Personal protective equipment

Hand protection : Wear suitable gloves resistant to chemical penetration.

Eye protection : Safety glasses or goggles are recommended when using product.

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.



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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:

Liquid.

Appearance:

Aerosol.

Color:

Clear, Colorless.

Odor:

Petroleum hydrocarbon.

Odor threshold:

No data available.

pH:

No data available.

Relative evaporation rate (butylacetate=1)

No data available.

Relative evaporation rate (ether=1)

> 1 (slower than ether)

Melting point:

No data available.

Freezing point:

No data available.

Boiling point:

82.2 °C / 180 °F

Flash point:

12.2 °C / 54 °F (Concentrate) TCC

Flammability (solid, gas):

Extremely flammable aerosol.

Auto-ignition temperature:

No data available.

Decomposition temperature:

No data available.

Vapor pressure:

80 – 90 psig

Relative vapor density at 20 °C / 68 °F:

>1 (heavier than air)

Relative density:

0.77 (concentrate)

Solubility:

Slightly soluble in: Water.

Partition coefficient n-octanol/water:

No data available.

Partition coefficient n-octanol/water (Log Kow)

No data available.

Viscosity, dynamic:

No data available.

Explosive properties:

Not explosive.

Oxidising properties:

No data available.

Explosive limits:

Lower Explosive Limit (LEL): 2.1 (propellant)

Upper Explosive Limit (UEL): 8.5 (propellant)

Other Information:

Heat of combustion : 34 kJ/g

SECTION 10. STABILITY AND REACTIVITY

Reactivity

: No dangerous reactions known under normal conditions of use.

Chemical stability

: Extremely flammable aerosol. Contents under pressure. Container may explode if heated. Do not puncture. Do not burn. Extreme risk of explosion by shock, friction, fire or other sources of ignition.

Possibility of hazardous reactions

: No dangerous reactions known under normal conditions of use.

Conditions to avoid

: Heat. Incompatible materials. Sparks. Open flames. Direct sunlight. Sources of ignition.

Incompatible materials

: Strong oxidizing agents. Acids. Caustics.

Hazardous decomposition products

: May include, and are not limited to: oxides of carbon. Nitrogen oxides. Sulphur oxides. Other unidentified organic compounds. Toxic and irritating gasses may be released.



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SECTION 11. TOXICOLOGICAL INFORMATION

Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

Information on toxicological effects

Acute toxicity (oral) : Not classified.

Acute toxicity (dermal) : May be harmful in contact with skin.

Acute toxicity (inhalation) : Not classified.

ATE MX (dermal)	3946.937 mg/kg bodyweight
Unknown acute toxicity (GHS MX)	43.55% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

Isopropyl alcohol (67-63-0)

LD50 oral rat	5840 mg/kg bodyweight (OECD Guideline 401)
LD50 dermal rabbit	4059 mg/kg
LC50 inhalation rat	72600 mg/m ³ (Exposure time: 4 h)
ATE MX (oral)	5840 mg/kg bodyweight
ATE MX (dermal)	4059 mg/kg bodyweight
ATE MX (vapors)	72.6 mg/l/4h
ATE MX (dust,mist)	72.6 mg/l/4h

Petroleum based oxidate (Trade Secret)

LD50 oral rat	> 15 g/kg
LD50 dermal rabbit	> 5000 mg/kg
LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

Alkenes, C20-24 .alpha.- (Trade Secret)

LD50 oral rat	>15850 mg/kg
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))
LD50 inhalation rabbit	>10000 mg/kg

Hydrocarbon-based solvent (Trade Secret)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat	> 5.2 mg/l/4h
ATE MX (dermal)	2500 mg/kg bodyweight
NOAEL (oral, rat, 90 days)	750 mg/kg bodyweight Animal: rat, Animal sex: female
NOAEC (inhalation, rat, vapor, 90 days)	≥ 0.024 mg/l air Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study)

Petroleum distillates (Trade Secret)

LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method)
LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
NOAEL (dermal, rat/rabbit, 90 days)	≈ 1000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)



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Skin corrosion/irritation	: Not classified.
Serious eye damage/irritation	: Not classified.
Respiratory or skin sensitization	: Not classified.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Not classified.
Reproductive toxicity	: Not classified.
STOT-single exposure	: Not classified.
STOT-repeated exposure	: Not classified.
Aspiration hazard	: May be fatal if swallowed and enters airways.

Sea Foam Deep Creep	
Vaporizer	Aerosol

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

<i>Ecology - general</i>	: Toxic to aquatic life.
<i>Unknown hazards to the aquatic environment (GHS MX)</i>	: Contains 44.25% of components with unknown hazards to the aquatic environment.
<i>Hazardous to the aquatic environment, short-term (acute)</i>	: Toxic to aquatic life.
<i>Hazardous to the aquatic environment, long-term (chronic)</i>	: Not classified.

Petroleum based oxidate (Trade Secret)	
LC50 - Fish [1]	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 - Crustacea [1]	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Isopropyl alcohol (67-63-0)	
LC50 - Fish [1]	10000 mg/l Test organisms (species): Pimephales promelas
LC50 - Fish [2]	9640 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	13299 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h - Algae [1]	> 1000 mg/l (Species: Desmodesmus subspicatus)
EC50 96h - Algae [1]	> 1000 mg/l (Species: Desmodesmus subspicatus)
Partition coefficient n-octanol/water	0.05 (at 25 °C / 77 °F)

Alkenes, C20-24 .alpha.- (Trade Secret)	
LC50 - Fish [1]	> 1000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static])
EC50 - Crustacea [1]	140 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 - Crustacea [2]	> 0.0028 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 0.00093 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

Hydrocarbon-based solvent (Trade Secret)	
LC50 - Fish [1]	45 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 - Fish [2]	2.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
BCF - Fish [1]	61 – 159



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Persistence and degradability

Sea Foam Deep Creep : Not established.

Bioaccumulative potential

Sea Foam Deep Creep : Not established.

Isopropyl alcohol (67-63-0) : Partition coefficient n-octanol/water : 0.05 (at 25 °C / 77 °F)

Mobility in soil

Isopropyl alcohol (67-63-0) : Partition coefficient n-octanol/water : 0.05 (at 25 °C / 77 °F)

Other adverse effects

Ozone : Not classified.

Other information : No other effects known.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Container under pressure. Do not drill or burn even after use.

Additional information : Flammable vapors may accumulate in the container.

SECTION 14. TRANSPORTATION INFORMATION

In accordance with the Secretariat of Communication and Transportation

UN number

UN-No. (NOM/SCT) : 1950

UN-No. (UN RTDG) : 1950

UN-No. (IMDG) : 1950

UN-No. (IATA) : 1950

UN proper shipping name

Proper shipping name (NOM/SCT) : AEROSOLS

Proper shipping name (UN RTDG) : AEROSOLS

Proper shipping name (IMDG) : AEROSOLS

Proper shipping name (IATA) : Aerosols, flammable

Transport hazard class(es)

NOM

Transport hazard class(es) (NOM) : 2

Danger labels (NOM/SCT) : 2

UN RTDG

Transport hazard class(es) (UN RTDG) : 2.1

Danger labels (UN RTDG) : 2.1



IMDG

Transport hazard class(es) (IMDG) : 2.1

Danger labels (IMDG) : 2.1



IATA

Transport hazard class(es) (IATA) : 2.1

Danger labels (IATA) : 2.1





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Packaging group

Packing group (NOM/SCT) : Not applicable.
Packing group (UN RTDG) : Not applicable.
Packing group (IMDG) : Not applicable.
Packing group (IATA) : Not applicable.

Environmental hazards

Other information : No supplementary information available.

Special precautions for user

Special transport precautions : Do not handle until all safety precautions have been read and understood.

-NOM

Special provisions (NOM/SCT) : 63, 190, 277, 327, 344
Limited quantities (NOM/SCT) : See SP 27
Excepted quantities (NOM/SCT) : E0
Packing instruction (NOM/SCT) : P003, LP02
Special packing provisions (NOM/SCT) : PP17, PP87, L2

-UN RTDG

Special provisions (UN RTDG) : 63, 190, 277, 327, 344, 381
Limited quantities (UN RTDG) : See SP 277
Excepted quantities (UN RTDG) : E0
Packing instruction (UN RTDG) : P207, LP200
Special packing provisions (UN RTDG) : PP87, L2

-IMDG

: No data available.

-IATA

: No data available.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

: Not applicable.

SECTION 15. REGULATORY INFORMATION

No additional information available.

SECTION 16. OTHER INFORMATION INCLUDING INFORMATION RELATING TO THE PREPARATION AND UPDATING OF SAFETY DATA SHEETS

The information is believed to be correct but is not exhaustive and is to be used for guidance only, which is based on current knowledge of the chemical or mixture and is applicable to the appropriate safety precautions of the product.

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