



# SEA FOAM HIGH MILEAGE SAFETY DATA SHEET

according to the NOM-018-STPS-2015

Version: 4021MX  
SDS Revision Date: 30/07/2021

Applicable Law: Mexico  
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## SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product name** : Sea Foam High Mileage  
**Product code(s)** : HM16MX  
**Product form** : Mixture  
**Recommended use and restrictions** : Fuel and oil system treatment.  
**Manufacturer** : **Sea Foam International, Inc.**  
 812 Burlington Drive, Suite 100  
 Bismarck, ND 58504  
 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

Flam. Liq. 3 H226  
 Asp. Tox. 1 H304  
 Eye Irrit. 2 H319

### GHS label elements, including precautionary statements

#### GHS MX labelling

#### Hazard pictograms (GHS MX)



#### Signal word (GHS MX)

DANGER

#### Hazard statements (GHS MX)

H226 - Flammable liquid and vapor.  
 H304 - May be fatal if swallowed and enters airways.  
 H319 - Causes serious eye irritation.

#### Precautionary statements (GHS MX)

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### Precautionary statements (GHS CA)

P233 - Keep container tightly closed.  
 P240 - Ground/bond container and receiving equipment.  
 P241 - Use explosion-proof electrical, lighting, ventilating equipment.  
 P242 - Use only non-sparking tools.  
 P243 - Take action to prevent static discharges.  
 P264 - Wash hands, forearms and face thoroughly after handling.  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
 P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
 P331 - Do NOT induce vomiting.  
 P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313 - If eye irritation persists: Get medical advice/attention.  
 P403+P235 - Store in a well-ventilated place. Keep cool.  
 P405 - Store locked up.  
 P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### Other hazards which do not result in classification

No data available.

## 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. 1, H224 Acute Tox. 5 (Dermal), H313 Asp. Tox. 1, H304
Isopropyl alcohol	(CAS-No.) 67-63-0	10 – 20*	Eye Irrit. 2, H319 STOT SE 3, H336

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



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## SECTION 4. FIRST-AID MEASURES

### Description of first-aid measures

- 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.
- 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 (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.
- 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.

### Most important symptoms and effects, both acute and delayed

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

### Indication of any immediate medical attention and special treatment needed

: 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* : Carbon dioxide (CO<sub>2</sub>). Dry chemical. Foam. 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

- Fire hazard* : Products of combustion may include and are not limited to: oxides of carbon. Flammable liquid and vapor. May release flammable gases. Will float and can be reignited on water surface.
- Explosion hazard* : May form flammable/explosive vapor-air mixture. Heavier than air, vapors may travel long distances along ground, ignite and flash back to source.

### Special protective equipment and precautions for fire-fighters

- Protective equipment for fire-fighters* : Keep upwind of fire. Wear full firefighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).
- Special fire-fighting procedures* : Use water spray to cool exposed surfaces.

## 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. Use special care to avoid static electric charges. Remove all sources of ignition.

**Environmental precautions** : Prevent entry to sewers and public waters.

### Methods and material for containment and cleaning up

- For containment* : Eliminate every possible source of ignition. Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.
- Methods for clean up* : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.



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## SECTION 7. HANDLING AND STORAGE

- Precautions for safe handling** : Use only outdoors or in a well-ventilated area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Take precautionary measures against static discharge. Use only non-sparking tools.
- Hygiene measures** : Wash contaminated clothing before reuse. Always wash hands after handling the product.
- Additional hazards when processed** : Handle empty containers with care because residual vapors are flammable.
- Conditions for safe storage, including any incompatibilities**
- Technical measures* : Proper grounding procedures to avoid static electricity should be followed.
- Storage conditions* : Store in a dry, cool and well-ventilated place. Keep out of direct sunlight. Store locked up. Keep container tightly closed. Keep out of the reach of children.

## 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]	200 ppm

- Appropriate engineering controls** : Ensure good ventilation of the work station.
- Environmental exposure controls** : Avoid release into the environment.
- Hand protection** : Wear suitable gloves.
- 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.
- Skin and body protection** : Wear suitable protective clothing.
- Eye/face protection** : Wear eye/face protection.
- Other information** : Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:**  
Liquid.

**Appearance:**  
Clear liquid.

**Color:**  
Clear.

**Odor:**  
Typical odor.

**Odor threshold:**  
No data available.

**Oxidizing properties:**  
No data available.

**Vapor pressure:**  
No data available.

**Relative vapor density at 20 °C / 68 °F:**  
> 1

**Relative density:**  
0.8

**Solubility:**  
Insoluble.



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**pH:**  
No data available.

**Melting/Freezing point:**  
No data available.

**Initial Boiling point:**  
68 °C / 155 °F

**Flash point:**  
24 °C / 75 °F TCC

**Relative evaporation rate (butylacetate = 1):**  
<1

**Flammability (solid, gas):**  
Flammable liquid and vapor.

**Explosive properties:**  
No data available.

**Partition coefficient: n-octanol/water:**  
No data available.

**Partition coefficient: n-octanol/water (Log Kow):**  
No data available.

**Auto-ignition temperature:**  
No data available.

**Decomposition temperature:**  
No data available.

**Viscosity, kinematic:**  
No data available.

**VOC content:**  
367 g/l

**Explosive limits:**  
No data available.

## SECTION 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	: No additional information available.
<b>Chemical stability</b>	: Stable under normal conditions. May form flammable/explosive vapor-air mixture.
<b>Possibility of hazardous reactions</b>	: No dangerous reactions known under normal conditions of use.
<b>Conditions to avoid</b>	: Heat. Incompatible materials. Sources of ignition. Direct sunlight.
<b>Incompatible materials</b>	: Strong oxidizing agents. Strong acids. Strong bases.
<b>Hazardous decomposition products</b>	: May include, and are not limited to: oxides of carbon. May release flammable gases.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

<i>Acute toxicity (oral)</i>	: Not classified.
<i>Acute toxicity (dermal)</i>	: Not classified.
<i>Acute toxicity (inhalation)</i>	: Not classified.

Petroleum distillates	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight (Guideline: OECD Guideline 408)

Isopropyl alcohol (67-63-0)	
LD50 oral rat	5840 mg/kg bodyweight (Guideline: OECD Guideline 401)
LD50 dermal rabbit	4059 mg/kg
LC50 inhalation rat	72600 mg/m <sup>3</sup> (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



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Hydrocarbon-based solvent	
LD50 oral rat	> 5000 mg/kg bodyweight (Guideline: OECD Guideline 401)
LD50 dermal rabbit	3000 mg/kg
ATE MX (dermal)	3000 mg/kg bodyweight
<b>Skin corrosion/irritation</b>	: Not classified.
<b>Serious eye damage/irritation</b>	: Causes serious eye irritation.
<b>Respiratory or skin sensitization</b>	: Not classified.
<b>Germ cell mutagenicity</b>	: Not classified.
<b>Carcinogenicity</b>	: Not classified.
<b>Reproductive toxicity</b>	: Not classified.
<b>STOT-single exposure</b>	: Not classified.
<b>STOT-repeated exposure</b>	: Not classified.
<b>Aspiration hazard</b>	: May be fatal if swallowed and enters airways.
<b>Other information</b>	: Likely routes of exposure: ingestion, inhalation, skin, and eye.

## SECTION 12. ECOLOGICAL INFORMATION

### Toxicity

<i>Ecology - general</i>	: May cause long-term adverse effects in the aquatic environment.
<i>Hazardous to the aquatic environment, short-term (acute)</i>	: Not classified.
<i>Hazardous to the aquatic environment, long-term (chronic)</i>	: Not classified.

Petroleum distillates	
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)

Hydrocarbon-based solvent	
EC50 72h - Algae [1]	4700 mg/l (Species: Pseudokirchneriella subcapitata)

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)

### Persistence and degradability

*Sea Foam High Mileage* : Not established.

### Bioaccumulative potential

*Sea Foam High Mileage* : 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)



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**Other adverse effects**

Ozone : Not classified.  
Other information : No other effects known.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**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.

**Additional information**

: Handle empty containers with care because residual vapors are flammable.

**SECTION 14. TRANSPORTATION INFORMATION**

In accordance with the Secretariat of Communication and Transportation

**UN number**

UN-No. (NOM/SCT) : 1993  
UN-No. (IMDG) : 1993  
UN-No. (IATA) : 1993

**UN proper shipping name**

Proper shipping name (NOM/SCT) : LIQUIDO INFLAMABLE, N.E.P. (Hydrocarbon based solvent, Isopropyl alcohol)  
Proper shipping name (IMDG) : FLAMMABLE LIQUID, N.O.S. (Hydrocarbon based solvent, Isopropyl alcohol)  
Proper shipping name (IATA) : Flammable liquid, n.o.s. (Hydrocarbon based solvent, Isopropyl alcohol)

**Transport hazard class(es)**

**NOM**

Transport hazard class(es) (NOM) : 3  
Danger labels (NOM/SCT) : 3



**IMDG**

Transport hazard class(es) (IMDG) : 3  
Danger labels (IMDG) : 3



**IATA**

Transport hazard class(es) (IATA) : 3  
Danger labels (IATA) : 3



**Packaging group**

Packing group (NOM/SCT) : III  
Packing group (IMDG) : III  
Packing group (IATA) : III

**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.

**-IMDG**

: No data available.

**-IATA**

: No data available.



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## -NOM

Special provisions (NOM/SCT)	: 223, 274
Limited quantities (NOM/SCT)	: 5L
Excepted quantities (NOM/SCT)	: E1
Packing instruction (NOM/SCT)	: P001, IBC03, LP01
Portable tank and bulk container instructions (NOM/SCT)	: T4
Portable tank and bulk container special provisions (NOM/SCT)	: TP1, TP29

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

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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