



SEA FOAM TRANS TUNE 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 Trans Tune
 Product code : TT16MX
 Product form : Mixture
 Recommended use and restrictions : Transmission/Hydraulic Treatment
 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

Flam. Liq. 2 H225
 Eye Irrit. 2A H319
 Asp. Tox. 1 H304
 Aquatic Acute 2 H401

GHS Label elements, including precautionary statements

GHS MX labelling

Hazard pictograms (GHS MX)



GHS02



GHS07



GHS08

Signal word (GHS MX)

DANGER

Hazard statements (GHS MX)

H225 - Highly flammable liquid and vapor.
 H304 - May be fatal if swallowed and enters airways.
 H319 - Causes serious eye irritation.
 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.
 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P233 - Keep container tightly closed.
 P240 - Ground/bond container and receiving equipment.
 P241 - Use explosion-proof electrical/ventilating/lighting equipment.
 P242 - Use only non-sparking tools.
 P243 - Take action to prevent static discharges.
 P264 - Wash hands, forearms and face thoroughly after handling.
 P273 - Avoid release to the environment.
 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

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 - 30	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret.



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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 (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash clothing before re-using. 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.
- 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 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.
- Symptoms/effects after ingestion* : May be fatal if swallowed and enters airways. 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* : Carbon dioxide (CO₂). 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 / Conditions of flammability

- Fire hazard* : Highly flammable liquid and vapor. Products of combustion may include, and are not limited to: oxides of carbon. Nitrogen oxides. Sulfur oxides. Other unidentified organic compounds. Toxic and irritating gases are released. 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.
- Reactivity* : No dangerous reactions known under normal conditions of use.

Special protective equipment and precautions for fire-fighters

- Firefighting instructions* : Use water spray to cool exposed surfaces.
- 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. Use special care to avoid static electric charges. Remove all sources of ignition.

Environmental precautions

: Prevent entry to sewers and public waters.

Methods and materials 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 cleaning 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** : Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not swallow. Handle and open container with care. Use only outdoors or in a well-ventilated area. When using do not eat, drink or smoke. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only non-sparking tools. Take precautionary measures against static discharge.
- 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 out of the reach of children. Keep container tightly closed.

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** : Ensure good ventilation of the work-station.
- Environmental exposure controls** : Avoid release to the environment.

Individual protection measures/Personal protective equipment

- Hand protection* : Wear suitable gloves.
- Eye protection* : Wear eye/face protection.
- 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.
- 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:

Petroleum hydrocarbon.

Odor threshold:

No data available.

pH:

No data available.

Flammability (solid, gas):

Highly flammable liquid and vapor.

Vapor pressure:

No data available.

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

No data available

Relative density:

0.8

Solubility:

Insoluble.

Partition coefficient n-octanol/water:

No data available.



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Relative evaporation rate (butylacetate=1)
< 1

Melting point:
No data available.

Freezing point:
No data available.

Boiling point:
82.2 °C / 180 °F

Flash point:
12.8 °C / 55 °F (Concentrate) TCC

Auto-ignition temperature:
No data available.

Decomposition temperature:
No data available.

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

Viscosity, dynamic:
No data available.

Explosive properties:
No data available.

Oxidizing properties:
No data available.

Explosive limits:
No data available.

VOC content:
367 g/l

SECTION 10. STABILITY AND REACTIVITY

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

SECTION 11. TOXICOLOGICAL INFORMATION

Other information	: Likely routes of exposure: ingestion, inhalation, skin, and eye.
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.
<i>Unknown acute toxicity (GHS MX)</i>	: 51.99% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapors))

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

Hydrocarbon-based solvent	
LD50 oral rat	5170 mg/kg
LD50 dermal rabbit	> 3160 mg/kg
LC50 inhalation rat	73680 ppm/4h
ATE MX (gases)	73680 ppm/4h
ATE MX (dermal)	2500 mg/kg bodyweight



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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

Skin corrosion/irritation	: Not classified.
Serious eye damage/irritation	: Causes serious eye irritation.
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.

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

<i>Ecology - general</i>	: Toxic to aquatic life.
<i>Unknown hazards to the aquatic environment (GHS MX)</i>	: Contains 32 % 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 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)

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)



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Persistence and degradability

Sea Foam Trans Tune : Not established.

Bioaccumulative potential

Sea Foam Trans Tune : 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

Disposal 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.

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) : II

Packing group (IMDG) : II

Packing group (IATA) : II

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.



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Special provisions (NOM/SCT)	: 274
Limited quantities (NOM/SCT)	: 1L
Excepted quantities (NOM/SCT)	: E2
Packing instruction (NOM/SCT)	: P001, IBC02
Portable tank and bulk container instructions (NOM/SCT)	: T7
Portable tank and bulk container special provisions (NOM/SCT)	: TP1, TP8, TP28

-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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