

SAFETY DATA SHEET

1. Identification

Product Name: SMALL AND LARGE SCALE SMOKER FLUID

SDS Date: 7/23/2017

Use: Industrial

Harbor Models
Glendora, CA 91741

CHEMTREC: 800-424-9300

2. Hazard(s) identification

GHS Classification

Aspiration Hazard- Category 1

Pictogram



Signal Word Danger

Hazard Statement

May be fatal if swallowed and enters airways

Precautionary

IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting. Store locked up. Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards not otherwise classified: Not available

3. Composition/information on ingredients

Name	Concentration
Small and Large Scale Smoker Fluid	100

4. First-aid measures

General Advice Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If Inhaled Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as collar, tie, belt, or waistband.

In Case of Skin Contact Wash skin thoroughly with soap and water or use recognized skin cleanser. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

In Case of Eye Contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

If Swallowed Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as collar, tie, belt, or waistband.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11 .

Indications of any immediate medical attention and special treatment needed

No data available

5. Fire-fighting measures

Extinguishing Media Use dry chemical, CO₂, alcohol-resistant foam or water spray (fog).

Special Hazards In a fire or if heated, a pressure increase will occur and the container may burst.

Advice for firefighters Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Further information Do not use water jet.

6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Environmental precautions Avoid dispersal or spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small Spill: Stop leak if without risk. Move containers from spill areas. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Large Spill: Stop leak if without risk. Move containers from spill area. Approach released from upwind. Prevent entry into sewers, water courses, basements, or confined areas. Wash spillage into an effluent treatment plant or proceed as follows. Contain the collect spillage with non-combustible, absorbent material, e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and see Section 13 for waste disposal.

7. Handling and storage

Safe Handling Put on appropriate personal protective equipment (see Section 8). Do not swallow. Avoid eye contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Workers should wash hands and face before eating, drinking, and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Safe Storage Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool, and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. Exposure controls/ personal protection

Name

Small and Large Scale Smoker Fluid (petroleum)

OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
5 mg/m ³	Not available	5 mg/m ³	Not available

Engineering Control Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Eye/Face Protection Safety eyewear complying with an approved standard should be used when a risk assessment indicated this is necessary to avoid exposure to liquid splashed, mists, gases, or dusts. If contact is possible, the following protection should be worn, unless the assessment indicated a higher degree of protection: safety glasses with side shields.

Skin Protection Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body Protection Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory Protection Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicated this is necessary. 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.

Control of Environmental Exposure

Prevent further leakage of spillage if safe to do so. Do not let product enter drains.

9. Physical and chemical properties

Appearance Small and Large Scale Smoker Fluid (Petroleum)
Liquid

Odor Small and Large Scale Smoker Fluid (Petroleum)
Mild. Hydrocarbon.

Odor Threshold Small and Large Scale Smoker Fluid (Petroleum)
No data available

pH Small and Large Scale Smoker Fluid (Petroleum)
No data available

Melting/Freezing point Small and Large Scale Smoker Fluid (Petroleum)
-60 to 9C (-76 to 15.8F)

Initial Boiling Point/ Range Small and Large Scale Smoker Fluid (Petroleum)
299.44 to 520C (571 to 968F)

Flash Point Small and Large Scale Smoker Fluid (Petroleum)
Closed Cup: > 112C (>233.6F)
Open Cup: 188.33C (371F)

Evaporation Rate Small and Large Scale Smoker Fluid (Petroleum)
No data available

Flammability Small and Large Scale Smoker Fluid (Petroleum)
No data available

Upper Explosion Limit Small and Large Scale Smoker Fluid (Petroleum)
No data available

Lower Explosion Limit Small and Large Scale Smoker Fluid (Petroleum)
No data available

Vapor Pressure Small and Large Scale Smoker Fluid (Petroleum)
0.0111 kPa (0.08 mm Hg) [room temperature]

Vapor Density Small and Large Scale Smoker Fluid (Petroleum)
No data available

Relative Density Small and Large Scale Smoker Fluid (Petroleum)
.875

Water Solubility Small and Large Scale Smoker Fluid (Petroleum)
Insoluble in the following materials: cold water and hot water.

Partition Coefficient Small and Large Scale Smoker Fluid (Petroleum)
>6

Auto Ignition Temperature Small and Large Scale Smoker Fluid (Petroleum)
325 to 355C (617 to 671F)

Decomposition Temperature Small and Large Scale Smoker Fluid (Petroleum)
No data available

Viscosity Small and Large Scale Smoker Fluid (Petroleum)
No data available

10. Stability and reactivity

Reactivity No data available

Chemical Stability No data available

Possibility if Hazardous Reactions No specific test data related to reactivity available for this product or its ingredients

Conditions to Avoid No specific data

Incompatible materials No specific data

Hazardous Decomposition Products Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Name

Small and Large Scale Smoker Fluid (Petroleum)

LD50 Oral Rat > 5000 mg/kg

Inhalation: no data available

LD50 Dermal > 2000 mg/kg

Skin corrosion/irritation No data available

Serious eye damage/ eye irritation No data available

Respiratory or skin sensitization No data available

Germ cell mutagenicity No data available

Carcinogenicity No data available

Reproductive No data available

Additional information No data available

12. Ecological information

Name	Toxicity
Small and Large Scale Smoker Fluid (Petroleum)	Acute LC50 > 100 mg/l Daphnia 48 hrs, Acute LC50 >1000 mg/l Fish 96 hrs

13. Disposal consideration

Dispose of contents/ container in accordance with local/regional/national/ international guidelines

14. Transport information

Proper Shipping Name Not DOT regulated

Hazard Class Not DOT regulated

Identification Number Not DOT regulated

Packing Group Not DOT regulated

Label Not DOT regulated

15. Regulatory information

Name

Small and Large Scale Smoke Fluid (Petroleum)

SARA 302/304 No components were identified

SARA 313 No components were identified

CERCLA No components were identified

SARA 311/312 No components were identified

PROP 65 No components were identified

This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.

16. Other information, including date of preparation or last revision

SDS Date: 7/23/2017

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