



# Turbo-Defoamer

Safety Data Sheet

Revision date: 10/22/2014

Version: 2.0

## SECTION 1: Identification

**Product form:** Liquid  
**Chemical Family:** Mineral Oil  
**CAS No.:** None (Mixture)  
**Synonyms:** NA

**Intended Use Of The Product:** Drilling fluid additive

Turbo-Chem International, INC.  
P.O. Box 60383  
Lafayette, LA 70596  
1.337.235.3098

**Emergency number :** (Chemtrec)1.800.424.9300

## SECTION 2: Hazards identification

**GHS-US classification**

GHS07

**Signal word (GHS-US)** : None

**Hazard statements (GHS-US)**

**Precautionary statements (GHS-US)** P281 - Use personal protective equipment as required.  
P285 - In case of inadequate ventilation, wear respiratory protection.

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P301+P330+P331 - If ingested: Drink large amounts of water. Do not induce vomiting. Call physician.  
P304+P341 - If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P302+P352+P362 - If on skin: Wash with soap and water. Remove contaminated clothing and wash before reuse.  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Call physician.  
P501 - Dispose of contents/container according to local, regional, national, and international regulations.

### SECTION 3: Composition/information on ingredients

Under dusty conditions, should be considered a nuisance particulate having a TLV-STEL of 10 mg/m<sup>3</sup> total dust

Name	Product Identifier	%	GHS-US classification
None			

### SECTION 4: First aid measures

**First-aid measures general:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.

**First-aid measures after inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, administer oxygen. If effects persist, seek medical attention immediately.

**First-aid measures after skin contact:** Wash contaminated skin with soap and water. Flush with copious amounts of water. Remove contaminated clothing and shoes. If irritation persists, seek medical attention immediately.

**First-aid measures after eye contact:** Flush eyes immediately with copious amounts of water. Eyelids held open. Seek medical attention immediately.

**First-aid measures after ingestion:** If swallowed wash out mouth with water. Give water to drink. DO NOT INDUCE VOMITING. Seek medical attention immediately.

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

**Primary route of Exposure/Entry:** Skin / Eye.

**Symptoms/injuries after inhalation:** May cause irritation of nasal and respiratory passages with prolonged inhalation.

**Symptoms/injuries after eye contact:** May cause eye irritation upon direct impact.

**Symptoms/injuries after ingestion:** Can cause nausea, vomiting and abdominal pain and severe irritation of the Gastrointestinal Tract.

**Symptoms/injuries after skin contact:** May cause irritation.

**Indication of any immediate medical attention and special treatment needed** Seek medical assistance for further treatment, observation and support if necessary.

### SECTION 5: Firefighting measures

#### Extinguishing media

**Suitable extinguishing media:** Water spray, CO<sub>2</sub>, dry chemical, alcohol-type or universal foam.

#### Special hazards arising from the substance or mixture

**Fire hazard:** None known

**Hazardous Combustion / Decomposition Products:** NA.

#### Advice for firefighters

**Firefighting instructions / Special Firefighting Equipment:** Wear proper protective equipment, including NIOSH approved self contained breathing apparatus.

### SECTION 6: Accidental release measures

**Personal precautions, protective equipment and emergency procedures** General measures: NA.

**For non-emergency personnel**

**Protective equipment:** Use appropriate personal protection equipment (PPE).

#### Environmental precautions

Prevent entry to sewers and public waters.

#### Methods and material for containment and cleaning up:

**Methods for cleaning up:** Isolate the spillage area. Absorb with vermiculite or inert material.

#### Reference to other sections

See heading 13 for disposal information.

### SECTION 7: Handling and storage

**Precautions for safe handling:** Avoid breathing vapors. Do not get in eyes, on clothing. Avoid prolonged or repeated exposure. Keep tightly closed when not in use.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

**Storage conditions:** Store in cool/dry place.

**Incompatible products:** Strong oxidizers and strong bases

**Incompatible materials:** NA

### SECTION 8: Exposure controls/personal protection

#### Control parameters

USA OSHA	Permissible Exposure limit	
		This product is Non-hazardous according to OSHA 1910.1200

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### Exposure controls

Appropriate engineering controls : Ensure all national/local regulations are observed.

Personal protective equipment



Hand protection : Compatible chemical resistant gloves  
Eye protection : Chemical Splash Goggles  
Skin and body protection : None  
Respiratory protection : Use NIOSH/MSHA approved respirators.

Other information : Safety shower and eyewash station should be near when using.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Physical state : Liquid  
Appearance : Viscous Fluid  
Colour : Brown  
Odour : Hydrocarbon  
Odour threshold : No data available :  
pH 7-8  
Relative evaporation rate (butylacetate=1) : <1  
Melting point : No data available :  
Freezing point No data available  
Boiling point : > 200F  
Flash Point : 220F  
Auto-ignition temperature : No data available  
Decomposition Temperature : No data available  
Flammability (solid, gas) : No data available :  
Vapour pressure : No data available  
Relative vapour density at 20 °C : No data available  
Relative density  
Density : 0.98 (SG) :  
Solubility Appreciable in water :  
Log Pow No data available :  
Log Kow No data available :  
Viscosity, kinematic No data available :  
Viscosity, dynamic No data available :  
Explosive properties No data available :  
Oxidising properties No data available :  
Explosive limits Not applicable

## SECTION 10: Stability and reactivity

**Chemical Stability** Stable

**Conditions to Avoid** Strong oxidizing agents

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**Incompatible Materials** Strong oxidizers.  
**Hazardous Decomposition Products** CO,CO2

### SECTION 11: Toxicological information

#### Information on toxicological effects

: Acute

Turbo-Defoamer	

**Skin corrosion/irritation:** Practically non-toxic if absorbed.

**Serious eye damage/irritation:** Minimal eye irritation.

**Respiratory sensitisation:** Low acute toxicity expected on inhalation.

**Germ cell mutagenicity:** Not classified

**Carcinogenicity:** No

**Reproductive toxicity:** No

**Specific target organ toxicity (single exposure):** None

**Specific target organ toxicity (repeated exposure):** None

**Aspiration hazard:** Not classified

**Symptoms/injuries after inhalation:** May cause irritation of nasal passages with prolonged inhalation.

**Symptoms/injuries after eye contact:** May causes eye irritation.

**Symptoms/injuries after ingestion:** May cause damage to mucous membranes.

### SECTION 12: Ecological information

#### Toxicity

Turbo-Defoamer	
<b>Aquatic:</b> Advise authorities if product has entered watercourses or sewer drains.	<b>Ecotoxicity:</b> Available data indicates this product is not acutely toxic.


#### Bioaccumulative potential

Turbo-Defoamer	
<b>Biodegradability</b>	This product reaches less than 10% biodegradation in standard 28 day test and is not readily biodegradable in the environment.

#### Mobility in soil

No additional information available

### SECTION 13: Disposal considerations

#### Waste treatment methods

**Disposal Method:** Follow Federal, State and local regulations. Not a RCRA Hazardous waste if uncontaminated.

## **SECTION 14: Transport information**

In accordance with DOT,TDG,IMDG,ICAO/IATA : Not regulated for transportation

## **SECTION 15: Regulatory information**

### **US Federal regulations**

<b>Turbo-Defoamer</b>	
Sara 311/312 Hazard Category: Acute	
<b>This product contains no chemicals which are listed as hazardous waste when disposed of.</b>	

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### US State regulations

Turbo-Defoamer	
State or local regulations	None

### SECTION 16: Other information

Indication of changes : 04/22/2014

Other information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

#### GHS-US classification


NFPA health hazard : 1 - May be irritating

NFPA fire hazard : 0 - Not Combustable

NFPA reactivity : 0 - Not reactive when mixed with water



#### HMIS III Rating

Health : 1 Moderate Hazard

Flammability : 0 Slight Hazard

Physical : 0 Minimal Hazard

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

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