

SECTION 1: Identification

Product form: Dry Powder

Substance name: Formulated Mixture

CAS No.: None-Mixture

Synonyms: None

Intended Use Of The Product: Filtration Control Additive

Turbo-Chem International, INC.

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Lafayette, LA 70596

1.337.235.3098

Emergency number : (Chemtrec) 1.800.424.9300

SECTION 2: Hazards identification

GHS-US classification

H350

H372



Signal word (GHS-US) : Danger

Hazard statements (GHS-US) H372 - Causes damage to organs through prolonged or repeated exposure.
H350- May cause cancer

Precautionary statements (GHS-US)	P201 - Obtain instructions before use
	P202 - Do not handle until all safety precautions have been read.
	P260 - Do not breathe dust/fume/gas/mist/vapor/spray
	P264 - Wash face, hands and any exposed skin thoroughly after handling
	P270 - Do not eat, drink or smoke when using this product
	P280 - Wear protective gloves/protective clothing/eye protection/face protection
	P308+P313 - IF exposed or concerned: Get medical advice/attention
	P314 - Get medical advice/attention if you feel unwell
	P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 3: Composition/information on ingredients

Under dusty conditions, should be considered a nuisance particulate having a OSHA TWA limit of 15 mg/m³ total dust

Name	CAS	EC-No.	GHS-US classification	%
Crystalline silica, quartz	14808-60-7	238-878-4	H350, H372	<5%
Causticized Leonardite, sodium lignite	NA	NA	NA	70-90%

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: When symptoms occur: Remove to fresh air and keep at rest in a position comfortable for breathing. Administer oxygen if breathing is difficult and call a POISON CENTER/doctor/physician if you feel unwell. **First-aid measures**

after skin contact: Wash with soap and water.

First-aid measures after eye contact: Immediately flush with copious amounts of water to remove all particles. See a physician if irritation persists.

First-aid measures after ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation: Breathing crystalline silica can cause lung disease, including silicosis and lung cancer. Crystalline silica has also been associated with scleroderma and kidney disease.

Indication of any immediate medical attention and special treatment needed

If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media: Water, Dry chemical, alcohol resistant foam, carbon dioxide.

Special hazards arising from the substance or mixture

Fire hazard: Avoid dusty conditions

Hazardous Combustion / Decomposition Products: Decomposition in fire may produce toxic gasses.

Advice for firefighters

Firefighting instructions / Special Firefighting Equipment: Wear self contained breathing apparatus.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

General measures: Avoid creating dust.

For non-emergency personnel

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

Environmental precautions

Don't let product enter drains.

Methods and material for containment and cleaning up: Methods for cleaning up: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable closed containers for disposal.

Reference to other sections

See heading 13 for disposal information.

SECTION 7: Handling and storage

Precautions for safe handling: Provide appropriate exhaust ventilation at places where dust is formed.

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 a dry location.

SECTION 8: Exposure controls/personal protection

Control parameters

USA OSHA	OSHA (TWA) (mg/m ³)	
Crystalline Silica		10 mg/m ³ respirable
Paraffin Waxes		2.0 mg/m ³ ACGIH TLV

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Exposure controls

Appropriate engineering controls : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at end of workday.

Personal protective equipment : Use equipment for eye protection tested and approved under appropriate govt standards such as NIOSH (US) or EN 166(EU)



Hand protection

: Non-Cloth gloves are sufficient

Eye protection

: Goggles (Under dusty conditions)

Skin and body protection

: None

Respiratory protection

: Respiratory protection is not required. When conditions get dusty use type N95 or type P1 dust masks.

Other information

: None.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state

: Solid

Appearance

: Powder

Colour

: Brown

Odour

: No data available

Odour threshold

.: No data available

pH

: 8.5 +/-2

Relative evaporation rate (butylacetate=1)

: No data available

Melting point

: No data available

Freezing point

: No data available

Boiling point

: No data available

Flash Point

: No data available

Auto-ignition temperature

: No data available

Decomposition Temperature

: No data available

Flammability (solid, gas)

: May form on combustion:CO,CO2

Vapour pressure

: No data available

Relative vapour density at 20 °C

: No data available

Relative density

Density

: NA

Solubility

: 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 Do not store near open flame.

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Incompatible Materials Strong oxidizers.

Hazardous Decomposition Products Oxides of nitrogen. CO and CO₂. Amorphous silica may transform at elevated temperatures to tridymite or cristobalite.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity : None

LD50 Oral- Rat-500 mg/kg (crystalline silica,quartz CAS 148-08-60-7;	
LD50 Oral- Human-15,000 mg/kg (crystalline silica,quartz CAS 148-08-60-7;	
LD50 Oral- Rat- Male/Female- >500 mg/kg	LD50 Dermal- Rabbit- >3,600 mg/kg

Skin corrosion/irritation: May cause slight irritation. **Serious eye damage/irritation:** No eye irritation **Respiratory or skin sensitisation:** No Data available

Germ cell mutagenicity: Not classified

Carcinogenicity: IARC- QUARTZ (CAS 14808-60-7) 1 carcinogenic to humans. ACGIH- no component of this product is present at levels greater than 0.1% is identified as a carcinogen or potential carcinogen. NTP QUARTZ (CAS 14808-60-7) 1 carcinogenic to humans. OSHA no component of this product is present at levels greater than 0.1% is identified as a carcinogen or potential carcinogen.

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 respiratory irritation. **Symptoms/injuries after eye contact:** May causes eye irritation. **Symptoms/injuries after ingestion:** None known.

Chronic Effects/Carcinogenicity: Silicosis (excessive inhallation of respirable crystalline silica dust may cause a progressive, disabling and sometimes fatal lung disease called silicosis. Symptoms are cough,shortness of breath, wheezing, non specific chest illness and reduced pulmary function. It is exacerbated by smoking. Individuals with silicosis are predisposed to develop tuberculosis.

SECTION 12: Ecological information

Toxicity :no data available.	
Persistence / Degradability- no data available	

Bioaccumulative potential

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Bioaccumulative potential	No data available
Mobility in soil	No additional information available

SECTION 13: Disposal considerations

Waste treatment methods

Water disposal Method: Landfill or incinerate under conditions that meet all federal, state and local regulations.

SECTION 14: Transport information

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

SECTION 15: Regulatory information

US Federal regulations

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Sara 311/312 Hazard Category: Chronic health hazard.	This product is not subject to the referenced SARA and
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Sara 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, sec 302	CERCLA regulations.
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US State regulations

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State or local regulations	Not regulated for transportation.

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.

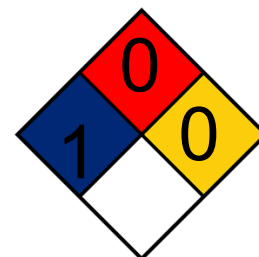
GHS Full Text Phrases:

H320	May cause eye irritation
H334	May cause respiratory irritation/difficulty in breathing
H316	May cause mild skin irritation

NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard : 0 - Combustable if heated

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating

Health :1 Slight Hazard - Irritation or minor reversible injury possible

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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