

TSP ALTERNATIVE PHOSPHATE FREE DEGREASER

Safety Data Sheet

Emergency Phone Canutec (613)-996-6666 (24/7)

Section 1 Chemical Product and Company Identification

Common Name: **TSP ALTERNATIVE**
Product Use: Degreaser & Preparation wash
Synonym: Organic degreaser

Manufacturer: Fusion Mineral Paint
101 Portland Street
Etobicoke, Ontario, M8Y 1B1
Canada
1-877-886-5098

Date: May 25, 2021, Version 2

Section 2 Composition / Information on Ingredients

SIMDUT Classification: Not classified.

GHS Classification:

Specific target organ toxicity – single exposure. (category 2)

Skin corrosion/irritation (category 2)

Eyes corrosion/irritation (category 2)

PICTOGRAM (S)



Signal Word: WARNING

Hazard statements:

H302	Harmful if swallowed
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation - single exposure

Precautionary statements:

P264	Wash exposed skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves / protective clothing.
P304+P340+P310	IF INHALED: Move to fresh air and keep in a position where it can breathe comfortably. Call a POISON CENTER or physician.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do not induce vomiting.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if the victim does and if they can be easily removed. Continue rinsing.
P303+P361+P353	IF ON SKIN: Remove / remove contaminated clothing immediately. Rinse skin with water / shower.
P405	Store locked up.
P501	Dispose of contents/container to comply with local, state and federal regulations

Section 3	Hazards Identification
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Name	CAS number	% (w/w)
Potassium Hydroxide	1310-73-2	1 – 5
Sodium caprylamphopropionate	68610-44-6	0.5 – 1.5
Water	7732-18-5	60 – 100

Section 4	First Aid Measures
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Inhalation: Remove person to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if symptoms appear.

Ingestion: Rinse mouth. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms appear.

Skin Contact: Rinse skin with plenty soap and water for at least 15 minutes. Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Wash

contaminated clothing before reuse. If skin irritation occurs: Get medical advice / attention.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Section 5 Fire-Fighting Measures

Flammability of the Product: Not Flammable.

Upper and lower Flammable limit: Not applicable.

Sensitivity to shock and electrostatic discharge: Probably not sensitive

Fire Fighting Instructions: SMALL FIRE: Use dry chemical powder.

LARGE FIRE: Use water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, auto ignition or explosion.

Special processes struggle against fire/equipment:

Smoke or toxic / irritating fumes may be generated during a fire. Do not enter fire area without proper protection. Firefighters should wear self-contained breathing apparatus with full face masks to protect themselves from toxic products produced during combustion. The use of water may be useful to cool containers exposed to heat

Products of Combustion: These products are oxides of carbon (CO, CO₂), oxides of nitrogen (NO, NO₂).

Section 6 Accidental Release Measures

Personal Protection: Restrict access until cleanup is complete. Ensure that cleaning is done by qualified personnel. Remove all sources of ignition. Remove combustible and flammable materials. All persons involved in clean-up should wear appropriate protective equipment (see Section 8)

Spill response / cleanup: Absorb with an inert material and dispose of the waste in an appropriate container. **Neutralize the residue with a dilute solution of acetic acid or equivalent.** Finally, cleaning by spreading water on the contaminated surface and dispose of according to local or regional regulations required by the authorities.

Environmental precautions: Prevent entry into sewers, basements or confined areas; dike if needed. Dispose of as local, Provincial and national regulations.

Section 7 Handling and Storage

Safe handling procedures:

Before handling it is very important to ensure that engineering measures well controlled and that the requirements for personal protection and hygiene respected. Workers using this chemical should be properly trained regarding the risks associated with their use. Label containers appropriately. Be sure to ventilate. Avoid breathing vapors or mists. Avoid contact with eyes, skin and clothing. Keep away from heat, sparks and flame. Avoid generating high concentrations of vapors or mists. Keep away from incompatible materials. Keep containers closed when not in use. Empty containers are always dangerous.

Storage Requirement:

Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Avoid extreme temperature (below -0°C or over 40°C).

Incompatible materials: Reactive with oxidizing agents and strong acids.

Section 8 Exposure Controls, Personal Protection

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station on location.

Personal Protection

Eyes:	Face shield (recommended), safety glasses or goggles
Body:	Long sleeves.
Respiratory:	Wear appropriate respirator when ventilation is inadequate. Approved or certified respirator with Organic vapor cartridges.
Hands:	Chemical resistant gloves (rubber, nitrile, latex or equivalent).
Feet:	Boots.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Boots. Gloves. Respirator for VOC.

Exposure limits: Refer to section 11 of this safety data sheet.

Section 9 Physical and Chemical Properties

Physical State and appearance:	Clear Liquid.
Color:	Light green.
Odor:	Light.
pH (1% So In/ Water):	10.5 – 11.5.
Boiling Point:	Not available.
Freezing point:	0°C (32°F)
Flash Point:	Not flammable.
Flammability of the Product:	Not flammable.
Upper Flammable limit:	Not applicable.
Lower Flammable limit:	Not applicable.
Critical temperature:	Not available.
Specific Gravity:	0.98 to 1.02
Vapor Pressure:	Same as water.
Volatility:	Not available.
Odor Threshold:	Not available.
Evaporation Rate:	Not available.
VOC:	0% (0 g/L)
Viscosity:	Not available.
Dispersion Properties:	Dispersion in cold water.
Solubility:	Fully soluble in water.
Decomposition Temperature:	Not available.

Section 10 Stability and Reactivity

Stability and Reactivity:	The product is stable.
Polymerization:	Will not occur.
Conditions of Instability:	Not available.
Materials to avoid:	See incompatible materials in Section 7
Hazardous Decomposition Products:	Carbon oxides (CO, CO ₂) due to thermal decomposition.

Section 11 Toxicological Information

Toxicological data There are no data for the product itself, only for the ingredients. See Section 3 for more information

Toxicity Data

Name	Test	Result	Route	Species
G-Max 302	LD ₅₀	7943 mg/kg	Oral	Rat

(Calculated value of the mixture)

Chronic Effects on Humans:	Carcinogenic Effects: Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.
Other Toxic Effects on Humans:	Irritating to eyes and skin.
Special remarks on Toxicity to Animals:	Not Available.
Special Remarks on Chronic Effects on Humans:	Not Available.
Special Remarks on Other Toxic Effects to Human:	Not Available.

Section 12 Ecological Information

BOD and COD:	The product is readily biodegradable.
Biodegradable/OECD:	Not available.
Mobility:	Not available.
Products of degradation:	These products are carbon oxides (CO, CO ₂) and water.

Section 13 Disposal Considerations

Waste information:	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream:	Not available. <u>Consult your local or regional authorities.</u>

Section 14 Transport information

Regulatory information:	DOT Classification
	TDG Classification
	IMDG Class
	IATA-DGR Class

NOT REGULATED FOR TRANSPORT

Section 15 Regulatory Information

WHMIS WHIMS Information:

The product is regulated according to the Controlled Products Regulations (CPR) in Canada. See Section 2 for a WHMIS classification.

Section 16 Other information

REVISED BY: Jennylyn Pringle

DATE: May 26, 2021

References:

- 1.The MSDS from the manufacturer / supplier of products database
- 2.CSST, toxicological Directory, Simdut, 2015.

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