SAFETY DATA SHEET

1. IDENTIFICATION

Product Identifier
Product Name TRIPOWER
Chemical Name Alkaline detergent powder

Recommended use of the chemical and restrictions on use
Recommended use Vehicle wash
Restrictions on use For industrial use only

Supplier details West Penetone Inc. 10900 Rue Secant
Anjou, QC
H1J 1S5
Tel: 514-355-4660

Emergency Telephone Number
514-355-4660 (Mon – Fri, 8 AM – 4:30 PM, Eastern time)
780-454-3919 (Mon – Fri, 8 AM – 4:30 PM, Mountain time)

2. HAZARDS IDENTIFICATION

Classification

Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1
Specific organ toxicity- single exposure; respiratory tract irritation	Category 3

Label Elements

DANGER

Hazard Statements
Causes severe skin burns and eye damage.
Causes serious eye damage.
May cause respiratory irritation.

Precautionary Statements - Prevention
Do not breathe dust.
Wash face, hands, and any exposed skin thoroughly after handling.
Wear protective gloves, protective clothing, eye protection, and face protection.

Precautionary Statements - Response
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.
IF ON SKIN (or hair): Take off Immediately all contaminated clothing. Rinse SKIN with water/shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or doctor/physician.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or physician.

Precautionary Statements - Storage
Store locked up in a closed, corrosion resistant container.

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant according to local, provincial/federal regulations

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight %
sodium metasilicate	6834-92-0	30 – 60*
Tetrasodium ethylenediamine-tetraacetate	64-02-8	1 – 5*
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	68439-57-6	1 – 5*
alcohols, C9-11, ethoxylated	68439-46-3	1 – 5*

*Actual concentration is withheld as a trade secret

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting unless directed by medical personnel. Rinse mouth with water and drink 1 or 2 glasses of water and call a POISON CENTER or doctor/physician immediately.

Skin contact: Take off contaminated clothing and rinse skin with plenty of water. Get medical advice/attention. Wash any contaminated clothing before re-use.

Inhalation: If difficulties occur after dust has been inhaled, remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician immediately.

Most important symptoms and effects, both acute and delayed.

Contact with eyes may cause serious irritation leading to discomfort or pain, redness, swelling, and blurred vision. Contact with skin may cause severe burns or irritation with local redness. Dust generated from the product may be irritating to the nose, throat, and respiratory tract.

Indication of any immediate medical attention and special treatment needed.

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media
None.

Specific hazards arising from the chemical
During fire, gases hazardous to health may be formed including oxides of carbon, nitrogen, and other irritating gases.

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures
Use personal protective equipment.

Environmental Precautions
Avoid discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up.
Pick up spills using a shovel, dustpan, or vacuum cleaner. Keep in suitable, closed containers for disposal. Following product recovery, flush area with water. Be careful to minimize the amount of dust generated during clean up.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Handling: Avoid contact with skin and eyes. Do not breathe dust

Conditions for safe storage, including any incompatibilities

Storage: Store away from incompatible materials.

Incompatible Materials: Strong oxidizing agents and acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Only constituents with exposure limits are listed. Any constituent not listed has no known exposure limit.

Appropriate engineering controls

Engineering Controls: Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/face Protection: Safety glasses with side shields or goggles.

Skin and body protection: Wear protective gloves and protective clothing.

Respiratory Protection: Wear respiratory protection to avoid breathing dust.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice. Routinely wash work clothing and protective equipment to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:
White powder

ODOR:
none

ODOR THRESHOLD:
Not available

pH:
11.5 – 12.5 (1 % w/v solution in water)

MELTING POINT / FREEZING POINT:
Not applicable

BOILING POINT/BOILING RANGE:
Not applicable

FLASH POINT:
None

EVAPORATION RATE, water = 1
Not applicable

FLAMMABILITY (SOLID, GAS):
Not applicable

VAPOR PRESSURE, mm Hg AT 20ºC:
Not available

VAPOR DENSITY (Air = 1):
Not available

RELATIVE DENSITY AT 20ºC:
Not applicable

SOLUBILITY IN WATER:
Complete

PARTITION COEFFICIENT, N-OCTANOL/WATER:
Not applicable

AUTO-IGNITION TEMPERATURE:
None

DECOMPOSITION TEMPERATURE:
Not available

VISCOSITY:
Not applicable

FLAMMABLE LIMITS:
UPPER: Not applicable **LOWER:** Not applicable

10. STABILITY AND REACTIVITY

Reactivity
Stable under normal conditions of storage and use. When dissolved in water, concentrated solutions of the product may react with aluminum, magnesium, zinc, and other soft metal alloys with the generation of hydrogen.

Chemical Stability
Stable under normal conditions.

Possibility of hazardous reactions
Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid
Store away from incompatible materials.

Incompatible Materials
Strong oxidizing materials and acids.

Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition can lead to release of irritating gases and vapors.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

ATE_{mix} – LD50 oral >2000 mg/kg, LD50 dermal >2000 mg/kg, LC50 inhalation - not available
Not classified, not an acutely toxic mixture.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium metasilicate 6834-92-0	1280 mg/kg (rat)	Not listed	Not listed
Tetrasodium ethylenediamine-tetraacetate CAS 64-02-8	>3000 mg/kg (rat)	>4000 mg/kg (rabbit)	Not listed
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts CAS 68439-57-6	>2000 mg/kg (rat)	>2000 mg/kg (rabbit)	Not listed
alcohols, C9-11, ethoxylated CAS 68439-46-3	1280 mg/kg (rat)	2000 mg/kg (rat)	Not listed

Information on likely sources of exposure

Ingestion Can cause severe burns to mouth and throat if ingested.
Skin corrosion/irritation Can cause severe skin burns or skin irritation.
Inhalation Inhalation may cause respiratory irritation.
Serious eye damage/irritation Can cause serious eye irritation or eye damage leading to temporary or permanent blindness.

Delayed and immediate effects and chronic effects from short and long-term exposure

Respiratory or skin sensitization None known.
Germ cell mutagenicity None known.
Carcinogenicity None known.
Reproductive toxicity None known.
STOT - single exposure Sodium metasilicate dust may cause irritation of the respiratory tract..
Aspiration Hazard None known.

Symptoms related to the physical, chemical, and toxicological characteristics.
Eye damage, skin burns or skin irritation and respiratory irritation.

12. ECOLOGICAL INFORMATION

Persistence and degradability
No information available

Bioaccumulative potential
No information available.

Mobility in soil
No information available

Other adverse effects
Do not release untreated into natural waters.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose of in accordance with local regulations.

Contaminated Packaging Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

Not regulated as a dangerous good.

15. REGULATORY INFORMATION

Canada (DSL/NDSL)

All ingredients contained in this product are on the DSL or are exempt.

16. OTHER INFORMATION

Preparation Date	April 24, 2023
Revision Date	July 11, 2025
Revision Note	Emergency contact information updated

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet