

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

OSTREM CHEMICAL CO. LTD.
2310 - 80 AVENUE
EDMONTON AB T6P 1N2

Phone: 780-440-1911 or 780-446-0177
In Case of Emergency Only:
phone CANUTEC at (613) 996-6666

Product name: TRUCK WASH AND SOOT REMOVER

Code: A296

Other name:

Distributed by:

Product use: degreaser

Date completed: April 01, 2014

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	%W/W	CAS number
sodium EDTA (40%)	3 - 7	64-02-8
sodium laureth sulphate	0.5 - 1.5	68585-34-2
sodium metasilicate	3 - 7	6834-92-0
butyl cellosolve	3 - 7	111-76-2
sodium hydroxide	1 - 5	1310-73-2

3. HAZARDS IDENTIFICATION

Corrosive liquid. Causes burns. Harmful if swallowed.

4. FIRST AID MEASURES

Inhalation: Remove from exposure. Get fresh air.

Ingestion: Induce vomiting only on the direct advice of a poison control centre. Get medical attention.

Eye contact: Flush with plenty of water for at least 15 minutes. Get medical attention.

Skin contact: Remove contaminated clothing and flush with plenty of water.

5. FIRE - FIGHTING MEASURES

Flash point (test method): Not available

Flammable limits (%): Non-flammable

Lower: Not applicable

Upper: Not applicable

Fire extinguishing substances: Use extinguishing media appropriate for surrounding fire.

Autoignition temperatures: Not applicable

Hazardous combustion products: May liberate oxides of carbon, nitrogen, sulphur, phosphorous and silicon.

Explosion data:

Sensitivity to mechanical impact: Not applicable

Sensitivity to static discharge: Not applicable

Special firefighting procedures: As for surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear appropriate protective equipment.

Environmental precautions: Prevent from entering sewers, waterways or low areas.

Methods for cleaning up: Isolate hazard area and restrict access. Small spills: soak up with inert absorbent material and scoop into containers. Large spills: prevent contamination of waterways. Dike and pump into suitable containers. Clean up residual with absorbent material, place in appropriate container and flush with water.

7. HANDLING AND STORAGE

Handling: Do not ingest. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
Storage: Keep out of reach of children. Keep container tightly closed. Store in a cool, dry area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: Special ventilation requirements not normally necessary
Respiratory protection: If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator
Eye protection: Chemical goggles. Wear a face shield if splashing hazards exists.
Other protection: Wear protective clothing as necessary to prevent skin contact.

Exposure limits:

INGREDIENT	ACGIH	OSHA	Other
sodium EDTA (40%)	Not available		
sodium laureth sulphate	Not available		
sodium metasilicate	Not available		
butyl cellosolve	20 ppm TWA	Not available	
sodium hydroxide	2 mg/m ³ Ceil.	Not available	

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid	Solubility in water: Complete
Boiling point: 100°C	Vapour pressure: Not available
Vapour density: Not available	Evaporation rate: Not available
Freezing point: Not available	Odour threshold: Not available
Sp. Gravity: 1.070	pH: 13 +
Appearance & odour:	clear blue liquid with a sweet odour

10. STABILITY AND REACTIVITY

Stability: Stable
Conditions of instability: Not available
Incompatibility: () Water (X) Oxidizers (X) Acid () Base () Other
Conditions of reactivity: Not available
Hazardous decomposition products: Not available

11. TOXICOLOGICAL PROPERTIES

POTENTIAL ACUTE HEALTH EFFECTS

Inhalation: Irritating to respiratory system.
Ingestion: Harmful if swallowed. Causes burns to mouth, throat and stomach.
Eye contact: Corrosive to eyes. Causes severe burns.
Skin contact: Causes burns.
Skin absorption: Not available

POTENTIAL CHRONIC HEALTH EFFECTS:

Inhalation: Repeat or prolonged exposure may cause damage to lungs.
Ingestion: Harmful if swallowed. Causes burns to mouth, throat and stomach.
Eye contact: Repeated or prolonged contact with spray or mist may produce chronic eye irritation.
Skin contact: Prolonged contact may cause dermatitis or chemical burns. Toxic effects may be delayed.

Skin absorption: Prolonged overexposure to high concentrations of butyl cellosolve by absorption, ingestion and inhalation has caused blood, liver and kidney effects in laboratory animals.

Irritancy of product:	See WHMIS criteria
Sensitization of product:	Not available
Carcinogenicity: IARC (1, 2A or 2B)	No known significant effects.
ACGIH: (A1, A2 or A3)	No known significant effects.
Reproductive toxicity:	No known significant effects.
Teratogenicity:	No known significant effects.
Mutagenicity:	No known significant effects.
Synergistic product:	Not available

HAZARDOUS INGREDIENTS	CAS NO.	TOXICITY DATA
sodium EDTA (40%)	64-02-8	LD ₅₀ Oral (rat) >2000 mg/kg LD ₅₀ Dermal (rabbit) 1350 mg/kg
sodium laureth sulphate	68585-34-2	LD ₅₀ Oral (rat) 1600 mg/kg
sodium metasilicate	6834-92-0	LD ₅₀ Oral (rat) 847 mg/kg
butyl cellosolve	111-76-2	LD ₅₀ Oral (rat) 1480 mg/kg LD ₅₀ Dermal (rabbit) 630 mg/kg
sodium hydroxide	1310-73-2	LD ₅₀ oral (rabbit) 500 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicological information: Not available

Other information:

13. DISPOSAL CONSIDERATIONS

Waste disposal: Disposal of all waste must be done according to local, provincial and federal regulations.

14. TRANSPORT INFORMATION

TDG classification: Corrosive Liquid, N.O.S. (sodium hydroxide, sodium silicates);
Class 8; UN 1760; PG II

15. REGULATORY INFORMATION

WHMIS: E Corrosive material
D2B Other toxic effects

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. PREPARATION INFORMATION

Prepared by: Technical Services Department, Ostrem Chemical Co. Ltd., Ph: (780) 440-1911