

VITATEK CLEANING SOLUTIONS SAFETY DATA SHEET

1. IDENTIFICATION

Product Identifier: CAUSTIC FOAM CLEANER **Revision Date:** JULY 31, 2023
Product Code: 791
Other Name(s):
Distributed By:
Recommended Use & Restrictions on Use: Heavy Duty Foaming Alkaline Cleaner

Manufactured By: VITATEK CLEANING SOLUTIONS **Phone:** 800-494-4318
#105-810 Clement Avenue **In case of Emergency Only, phone**
Kelowna, BC V1V 0J7 **CANUTEC:** 613-996-6666

2. HAZARDS IDENTIFICATION

Classification of Mixture: Eye Damage/Irritation – Category 1
Skin Corrosion/Irritation – Category 1
Specific Target Organ Toxicity (Single Exposure) – Category 3
Corrosive to Metals – Category 1

Label Elements:



Hazard Pictogram(s):

Signal Word: WARNING

Hazard Statements: Causes serious eye irritation.
Causes mild skin irritation.

Precautionary Statements:

Prevention: Do not breathe dusts or mists.
Wash hands thoroughly after handling.
Wear protective gloves, protective clothing, and eye/face protection.
Use only outdoors or in a well-ventilated area.
Keep only in original packaging.

Response: **IF SWALLOWED:** Rinse mouth. DO NOT induce vomiting. Immediately call a poison centre or physician.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. Immediately call a poison centre or physician.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison centre or physician.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a poison centre or physician.

Storage: Store locked up.
Store in well ventilated place.
Keep container tightly sealed.

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Disposal: Store in corrosion resistant container with a resistant inner liner.
Dispose of the contents/container in accordance with local/regional/national/international regulations.

Physical/health hazards not otherwise classified:

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Conc.</u>	<u>CAS #</u>	<u>Common Names</u>
Potassium Hydroxide	10-14%	1310-58-3	
Sodium Metasilicate	8-12%	6834-92-0	
TKPP	5-8%	7320-34-5	
Ammonyx LO	5-8%	NA	Foaming Surfactant (green)

4. FIRST AID MEASURES

Necessary Measures:

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Immediately call a poison centre or physician.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. Immediately call a poison centre or physician.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison centre or physician.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a poison centre or physician.

Most important symptoms – acute and delayed:

Causes serious eye damage.

Causes severe skin burns and eye damage.

May cause respiratory irritation.

Indication of immediate medical attention and treatment needed, if necessary:

Not applicable

5. FIRE FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:

Use extinguishing media appropriate for surrounding fire.

Specific hazards arising from the chemical (e.g.: hazardous combustion products):

Hydrogen and chlorine gas formed at temperatures over 1500C

Specific protective equipment and precautions for firefighters:

As for surrounding fire. Firefighters should wear full protective clothing and self contained breathing equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Wear appropriate protective equipment. See Section 8.

Environmental precautions:

Prevent from entering sewers, waterways or low areas.

Methods and materials for containment and cleaning up:

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Isolate hazard area and restrict access. Small spills: soak up with 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

Precautions for safe handling:

- Do not breathe dusts or mists.
- Wash hands thoroughly after handling.
- Use only outdoors in a well ventilated area.
- Keep only in original packaging.
- Do not ingest. Avoid contact with eyes, skin and clothing.

Conditions for safe storage, including any incompatibilities:

- Store locked up.
- Store in a well ventilated place.
- Keep container tightly closed.
- Store in corrosion resistant container with a resistant inner liner.
- Keep out of reach of children. Store in a cool, dry place.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Control Parameters – Exposure limits:

<u>Ingredient:</u>	<u>Limit:</u>
Sodium Metasilicate	not available
Potassium Hydroxide	ACGIH TLV-A: 2 mg/m ³

Appropriate engineering controls:

Provide exhaust ventilation to keep airborne levels below recommended exposure limits.

Respiratory protection:

If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator.

Other protection:

Wear protective gloves, protective clothing and eye/face protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Thin yellow liquid
Odour:	Mild odour
Odour threshold:	Not available
pH:	12-14
Melting/Freezing point:	-15 Deg C
Initial boiling point and range:	97 Deg C
Flash point:	Not available
Evaporation rate:	Not available
Flammability (solid, gas):	Not available
Upper/lower flammability or explosive limits:	Not available
Vapour pressure:	Not available
Vapour density:	Not available
Relative density (specific gravity):	1.04

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Solubility (ies):	Complete
Partition co-efficient n-octanol/water:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Not available

10. STABILITY AND REACTIVITY

Reactivity:

This material is considered to be non-reactive under normal use conditions.

Possibility of hazardous reactions:

Stable.

Conditions to avoid:

Reacts to soft metals, evolves toxic fumes.

Incompatible materials:

Acids, soft metals – Zinc, Magnesium, Aluminum

Hazardous decomposition products:

Evolves smoke and toxic fumes.

11. TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

Inhalation:	May cause respiratory tract irritation.
Ingestion:	May be harmful if swallowed.
Eye contact:	Causes serious eye damage.
Skin contact:	Causes mild burns and eye damage.
Skin absorption:	Not available
Mutagenicity:	Not available
Carcinogenicity:	This information, if applicable, can be found in Section 2.
Reproductive toxicity:	This information, if applicable, can be found in Section 2
Sensitization of product:	This information, if applicable, can be found in Section 2
Specific Target Organ Toxicity – single exposure:	This information, if applicable, can be found in Section 2
Specific Target Organ Toxicity – repeated exposure:	This information, if applicable, can be found in Section 2

Toxicological Data:

<u>Ingredient</u>	<u>Data</u>
Ethylene Glycol Monobutyl Ether	Oral LD50: ppm/7hr (mouse)
Sodium Metasilicate	N/A
Potassium Hydroxide	No data found
Tetrasodium Salt of EDTA	No data found

Other Toxicological Information on Ingredients

Not applicable

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Not available
Persistence and degradability:	Not available
Bioaccumulative potential:	Not available
Mobility in soil:	Not available

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Other adverse effects: Not available

Ecological Information on Ingredients: Not available

13. DISPOSAL CONSIDERATIONS

Waste disposal: All waste must be disposed according to local, provincial and federal regulations.

14. TRANSPORT INFORMATION

TDG Classification: NON-REGULATED

15. REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

16. PREPARATION INFORMATION

Prepared by: Technical Services Department, Concept Manufacturing Ltd., Ph: 250-491-5656

Date of Preparation: July 31, 2023

Date of Revision: July 31, 2023

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