

Safety Data Sheet



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Section 1. Chemical Product and Company Identification

Product Name Super Flare
Product Use Alkaline Cleaner
Product Code 6721
Date of Issue 7/18/2016
Supersedes 12/29/2015

Emergency Telephone Numbers
CHEMTREC- 1-800-424-9300

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

Section 2. Hazards Identification

Emergency Overview

DANGER



Health Hazards

Acute toxicity; oral, Inhalation	Category 4
Skin Corrosion/Irritation	Category 1
Serious eye damage/ eye irritation	Category 1

Physical Hazards

Corrosive to Metals	Category 1
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Precautionary Statements:

P234	Keep only in original container
P260	Do not breathe in mist/vapors/spray/fumes
P264	Wash hands thoroughly after handling
P270	Do not eat, drink or smoke when handling product
P271	Use only outdoors or in a well-ventilated area
P280	Wear protective gloves, clothing and eye protection
P301+P330+P331+P312	IF SWALLOWED: Rinse mouth. Do not induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.
P303+P361+P353	IF ON SKIN (or hair): Remove all contaminated clothing immediately. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove victim to fresh air and keep in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310	Immediately call a poison center or physician
P330	Rinse mouth
P363	Wash all contaminated clothing before reuse
P390	Absorb spillage to prevent material damage
P404	Store in a closed container
P405	Store locked up
P501	Dispose of in accordance with all federal, state and local regulations

Hazard Statements:

H290	May be Corrosive to Metals
H302	Harmful if Swallowed
H314	Causes severe skin burns and eye damage
H332	Harmful if inhaled

Routes of Entry Dermal, Oral, and Inhalation**Acute Effects:**

Eyes	Can cause irritation or eye damage. Severity increases with severity of contact.
Skin	Can cause skin irritation or burns. Severity increases with duration of contact.
Inhalation	Can cause irritation or burns to respiratory tract if TLV is exceeded.
Ingestion	Damaging to the mucous membranes of the mouth, throat, esophagus and stomach. Causes nausea and vomiting with gastrointestinal disorder. Can be fatal if ingested in large quantities.

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients	CAS Number	% by Weight
Sodium Metasilicate Pentahydrate	6834-92-0	<75
Sodium Carbonate	497-19-8	<15
2-butoxyethanol	111-76-2	<3

Section 4. First Aid Measures

Eye Contact	Flush immediately with clean water for 15 minutes. Seek immediate medical attention if irritation persists.
Skin Contact	If irritation occurs, flush with plenty of clean water; use soap if available. Remove severely contaminated clothing and shoes; wash before reuse. Seek medical attention if a rash occurs or in irritation persists.
Inhalation	Remove to fresh air.
Ingestion	Do not induce vomiting. Give several glasses of water. Never give anything to an unconscious person orally. Seek immediate medical attention.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A)
(estimated rating)



Hazardous Combustion Products	N/A
Extinguishing Media	Media applicable to surrounding fire
Unsuitable Extinguishing Media	N/A
Fire Fighting Procedures	Wear protective gear. Use water spray to cool fire-exposed containers.

Section 6. Accidental Release Measures

Spill Clean Up	All spilled material must be contained and kept out of waterways, sewers and drains. The spilled chemical should be absorbed with an inert material. Flush cleaned area thoroughly with water.
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Section 7. Handling and Storage

Handling and Storage	Keep container tightly closed when not in use. Store product indoors and keep from freezing. Keep out of the reach of children.
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Section 8. Exposure Controls/Personal Protection**Exposure Limits**

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
2-butoxyethanol (111-76-2)	50ppm	5ppm	-	20ppm

Engineering Controls Use in a well-ventilated area



Personal Protective Equipment (PPE)

Eyes Safety glasses or chemical splash goggles

Body Rubber or neoprene gloves

Respiratory Use a NIOSH approved respirator if exposure limits are reached or exceeded

Section 9. Physical and Chemical Properties

Physical State	Solid	Explosive Limits	N/A
Color	Orange; green when wet	Vapor Pressure	N/A
Odor	Pine oil	Vapor Density	Heavier than air
Odor Threshold	N/A	Relative Density	N/A
pH	N/A	Solubility	Complete
Freezing Point	N/A	Partition Coefficient	N/A
Boiling Point	N/A	Auto-Ignition Temp.	N/A
Flash Point	None	Decomposition Temp.	N/A
Evaporation Rate	N/A	Viscosity	N/A
Flammability	N/A	Specific Gravity	N/A

Section 10. Stability and Reactivity

Stability and Reactivity	Stable
Incompatibility	Soft metals and acids
Hazardous Polymerization	Will not occur
Hazardous Decomposition Products	None known
Conditions to Avoid	N/A

Section 11. Toxicological Information

Routes of Entry	Dermal, Oral and Inhalation
Symptoms	Irritation to burns depending on degree of exposure
Skin Irritant	Yes
Eye Irritant	Yes
Sensitizers	Not determined
Mutagenicity	No information found
Carcinogenicity	2-butoxyethanol: IARC Group 3 (not classifiable as a human carcinogen)
Reproductive Toxicity	No information found
Target Organs	None

There is no toxicological data for this product as a whole. Based on relevant ingredients with known acute toxicity, the acute toxicity estimate using the additive formula (ATE) has been determined.

Acute Toxicity

Test	Results	Basis
Dermal	4,146 mg/kg	ATE determined beyond Category 4
Oral	1,288 mg/kg	ATE determined Category 4
Inhalation	1.78 mg/l	ATE determined Category 4

Section 12. Ecological Information

Environmental Effects No ecological information available

Section 13. Disposal Considerations

Waste Information Dispose in accordance with all Federal, State and Local pollution control regulations.

Section 14. Transportation Information

Regulatory Information	UN number	Proper Shipping Name	Classes	Packaging Group	Label Code
DOT Classification	UN3253	Disodium Trioxosilicate mixture	8	III	Corrosive

Note: DOT Classification applies to most packaging sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

US Federal Regulations The following substances are listed as a toxic chemical and are subject to report under the SARA act Section 313: **2-butoxyethanol 111-76-2 <3%**

The following substances have CERCLA reportable quantity values (in pounds):
None

State Regulations None

Section 16. Other Information

Last Revision 7/18/2016

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.