

MSDS - Material Safety Data Sheet

Product Name: *Lusterquat*

MSDS No.: 78

I. Basic Information:

Manufacturer: Clausen Marketing Associates
Address: PO Box 76
City, ST Zip: Bryn Mawr, PA 19010



Last Update: 10/18/91

Chemical State: Liquid Gas Solid

Chemical Type: Pure Mixture

1	Health
0	Flammability
0	Reactivity
A	Pers. Protection

II. Ingredients:

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SARA SUB Z 313	OSHA PEL	ACGIH TLV	Other Limits
68391015	N-Alkyl dimethyl benzyl ammonium chlorides								
68956796	N-Alkyl dimethyl ethylbenzyl ammonium chlorides								
6834920	Sodium metasilicate								

III. Hazardous Identification:

Hazard Category:
 Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:
 If swallowed probable mucosal damage, possible respiratory depression, possible convulsions.

IV. First Aid Measures:

Route(s) of Entry:
 Eyes, Skin, and Oral

Health Hazards (Acute and Chronic):
 Acute: If swallowed probable mucosal damage, possible respiratory depression, possible convulsions.

Signs and Symptoms:
 Eyes: Redness, severe eye damage.
 Skin: Burns
 Swallowing: Probable Mucosal damage, possible respiratory depressions, possible convulsions.

Medical Conditions Generally Aggravated by Exposure:
 NONE KNOWN

Emergency and First Aid Procedures:
 EYES: Flush immediately with water for at least 15 minutes. Call a physician.
 Skin: Flush immediately with water for at least 15 minutes. Remove and wash all contaminated clothing before reuse. Call a physician.
 Ingestion: Drink milk, egg whites, gelatin solution or if these are not available; drink large amounts of water.

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MSDS No.: 78

Other Health Warnings:
NONE KNOWN

V. Fire Fighting Measures:

Flash Point: NA **Lower Explosive Limit:** unknown **Upper Explosive Limit:** unknown
Fire Extinguishing Media: Carbon Dioxide, dry chemicals, foam, and water spray.

Special Fire Fighting Procedures:

Do not enter confined fire-spaces without protective clothing and self - contained air supply.

Unusual Fire and Explosion:

NONE KNOWN

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

Absorb with suitable absorbent. For large spills, absorb with suitable absorbent, then shovel into containers.

VII. Handling and Storage:

Precautions to be Taken:

Do not contaminate food or water by storage or disposal. Triple rinse (or equivalent) empty containers before disposal. Do not get in eyes on skin or clothing.

Other Precautions:

NONE KNOWN

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Mechanical ventilation required.

Personal Protective Equipment:

Respiratory Protection: Not needed under normal use.
Protective Gloves: Rubber gloves.
Eye Protection: Safety glasses or goggles.
Other Protective Clothing: May be needed if splashing or spray drift occurs.

IX. Physical and Chemical Properties:

Boiling Point: 212 F **Melting Point:** NA **Evaporation Rate:** =H2O
Vapor Pressure (mm Hg.): unknown **Vapor Density (AIR = 1):** unknown
Solubility In Water: Complete
Appearance and Odor: Liquid, pleasant odor
Other Information: pH 12.5 +/- .5

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X. Stability and Reactivity:

Stability:

Stable

Incompatibility (Materials to Avoid):

Strong Oxidizers

Decomposition/By Products:

Carbon Monoxide and other unidentified organic gases may occur during incomplete combustion.

Hazardous Polymerization:

Will not occur

XI. Toxicological Information:

NONE KNOWN

XII. Ecological Information:

NONE KNOWN

XIII. Disposal Considerations:

Dispose of in accordance with applicable Federal, State, and Local accordances.

XIV. Transport Information:

NONE KNOWN

XV. Regulatory Information:

NONE KNOWN

XVI. Other Information:

The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of over exposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the diluted product under conditions of ordinary use.

EMERGENCY TELEPHONE NO. 419-524-5112

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