Material Safety Data Sheet: SPARKLE AEROSOL

Supercedes Date 11/18/2009 **Issuing Date** 11/07/2011

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name SPARKLE AEROSOL
Recommended use Cleaning agent
Information on Manufacturer
CERTIFIED LABS, DIV. OF NCH CORP.
BOX 152170
IRVING, TEXAS 75015

Product Code 5056
Chemical nature Aerosol
Emergency Telephone Number
CHEMTREC® 800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview
CAUTION
May be harmful if inhaled
May cause skin irritation
May cause eye irritation
May be harmful if swallowed
Contents under pressure

Color Off-white **Physical State** Liquid **Odor** Ammoniacal

Potential Health Effects

Principle Route of Exposure	Skin contact, Eye contact, Inhalation.
Primary Routes of Entry	Inhalation
Acute Effects	
Eyes	May cause eye irritation.
Skin	May cause skin irritation.
Inhalation	May cause irritation of respiratory tract. Inhalation may cause central nervous system effects. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic Toxicity	Occupational health effects due to inhalation of mineral dusts incorporating crystalline silica (quartz, cristobalite, tridymite), crystalline silicates (kaolin, talc) graphite or coal. Kidney injury may occur. May cause cancer after repeated inhalation of spray or dust.
Target Organ Effects	Eyes, Skin, Respiratory system, Central nervous system, Heart, Liver, Kidney, Lungs.
Aggravated Medical Conditions	Respiratory disorders, Skin disorders, Liver disorders, Kidney disorders, Heart disease.
Potential Environmental Effects	See Section 12 for additional Ecological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No
Crystalline Silica (Quartz)	14808-60-7
Fatty acids, tall-oil, ammonium salts	68132-50-3
Butane	106-97-8
Propane	74-98-6

4. FIRST AID MEASURES

General Advice	Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist, or gas.
Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.
Skin Contact	Wipe up with absorbent material (e.g. cloth, fleece). Wash off immediately with plenty of water. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.
Inhalation	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Ingestion	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.
Notes to physician	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flash Point > 212 °F / > 100 °C **Method** Seta closed cup
Autoignition Temperature No information available.
Flammability Limits in Air % Propellant. **Upper** 1.8 **Lower** 9.5
Suitable Extinguishing Media
Foam. Alcohol-resistant foam. Carbon dioxide (CO2). Dry chemical. Water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific hazards arising from the chemical
Solvent vapors are heavier than air and may spread along floors. Vapors may ignite and explode. Material can create slippery conditions. Flame extension: 0 inches / 0 cm and Burnback: 0 inches / 0 cm.
Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Aerosol Level (NFPA 30B) - 1

NFPA	**Health** 2	**Flammability** 4	**Instability** 0
HMIS	**Health** 2	**Flammability** 4	**Instability** 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Ensure adequate ventilation. Material can create slippery conditions.

Environmental Precautions Prevent further leakage or spillage if safe to do so.

Methods for Containment Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

Methods for Cleaning Up Pick up and transfer to properly labeled containers.

Neutralizing Agent Not applicable.

7. HANDLING AND STORAGE

Handling Avoid contact with skin, eyes and clothing. Avoid breathing dust/fume/gas/mist/vapours/spray. Contents under pressure. Do not puncture.

Storage Keep in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition.

Storage Temperature **Minimum** 35 °F / 2 °C **Maximum** 120 °F / 49 °C

Storage Conditions **Indoor** X **Outdoor** **Heated** **Refrigerated**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Crystalline Silica (Quartz)	: 0.025 mg/m^3 TWA (respirable fraction)	No data available	IDLH: 50 mg/m^3 TWA: 0.05 mg/m^3
Fatty acids, tall-oil, ammonium salts	No data available	No data available	No data available
Butane	TWA: 1000 ppm	No data available	TWA: 800 ppm TWA: 1900 mg/m^3
Propane	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m^3	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m^3

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection Safety glasses with side-shields.

Skin Protection For prolonged or repeated contact, use protective gloves

Respiratory Protection In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General Hygiene Considerations Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	**Viscosity**	Viscous
Color	Off-white	**Odor**	Ammoniacal
Appearance	Opaque	**pH**	10
Specific Gravity	1.180	**Evaporation Rate**	12.3 (Butyl acetate=1)
Percent Volatile (Volume)	76.4	**VOC Content (%)**	6.5
Vapor Pressure	136.9 mmHg @ 70°F	**Vapor Density**	1.3 (Air = 1.0)
Solubility	Completely soluble	**Boiling Point/Range**	212 °F / 100 °C

10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions. Hazardous polymerization does not occur.

Conditions to Avoid Heat, flames, and sparks

Incompatible Products Oxidizing agents, Acids, Highly halogenated compounds, Fluorinated hydrocarbons.

Hazardous Decomposition Products Carbon oxides, Nitrogen oxides (NOx).

Possibility of Hazardous Reactions Dangerous fumes form when mixed with other products, Chlorine.

11. TOXICOLOGICAL INFORMATION

Product Information No information available.

Component Information

Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Crystalline Silica (Quartz)	= 500 mg/kg (Rat)	no data available	no data available	no data available	no data available

Fatty acids, tall-oil, ammonium salts	no data available	no data available	no data available	no data available	no data available
Butane	no data available	no data available	= 658 mg/L (Rat) 4 h	no data available	no data available
Propane	no data available	no data available	= 658 mg/L (Rat) 4 h	no data available	no data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Crystalline Silica (Quartz)	no data available	no data available	no data available	no data available	eyes, respiratory system (in animals: lung cancer), kidneys
Fatty acids, tall-oil, ammonium salts	no data available	no data available	no data available	no data available	no data available
Butane	no data available	no data available	no data available	no data available	CNS
Propane	no data available	no data available	no data available	no data available	CNS

Carcinogenicity

Component	ACGIH	IARC	NTP	OSHA	Other
Crystalline Silica (Quartz)	A2	Group 1	Known	X	not applicable
Fatty acids, tall-oil, ammonium salts	not applicable	not applicable	not applicable	not applicable	not applicable
Butane	not applicable	not applicable	not applicable	not applicable	not applicable
Propane	not applicable	not applicable	not applicable	not applicable	not applicable

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Crystalline Silica (Quartz)	no data available	no data available	no data available	no data available	N/A
Fatty acids, tall-oil, ammonium salts	no data available	no data available	no data available	no data available	N/A
Butane	no data available	no data available	no data available	no data available	2.89
Propane	no data available	no data available	no data available	no data available	2.3

Persistence and Degradability No information available.
Bioaccumulation No information available.
Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of in accordance with local regulations.
Container Disposal Contents under pressure. Do not puncture. Empty remaining contents. Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT DOT
- **Proper Shipping Name** Consumer commodity
- **Hazard Class** ORM-D
- **Description** Consumer commodity ,ORM-D

TDG
- **Proper shipping name** Aerosols
- **Hazard Class** 2.1
- **UN-No** UN1950
- **Description** AEROSOLS,2.1,UN1950, LTD QTY

ICAO
- **UN-No** UN1950
- **Proper Shipping Name** Aerosols
- **Hazard Class** 2.1
- **Shipping Description** Aerosols,UN1950, LTD QTY

IATA
- **UN-No** UN1950
- **Proper Shipping Name** Aerosols, flammable
- **Hazard Class** 2.1
- **ERG Code** 10L
- **Shipping Description** UN1950,Aerosols, flammable,2.1, LTD QTY

IMDG/IMO
- **Proper Shipping Name** Aerosols
- **Hazard Class** 2
- **UN-No** UN1950
- **EmS No.** F-D, S-U
- **Shipping Description** UN1950, Aerosols,2, LTD QTY

15. REGULATORY INFORMATION

Inventories

TSCA	Complies
DSL	Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and and Title 40n of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	No	Yes	No

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Crystalline Silica (Quartz)	Not applicable	Not applicable
Fatty acids, tall-oil, ammonium salts	Not applicable	Not applicable
Butane	Not applicable	Not applicable
Propane	Not applicable	Not applicable

Canada

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.

WHMIS Hazard Class

A Compressed gases, D2A Very toxic materials, D2B Toxic materials.

16. OTHER INFORMATION

Prepared By	Dan Hollas
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Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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