

Safety Data Sheet NC-123 AEROSOL, MM

Supersedes Date 10/13/2015

Issuing Date 05/17/2016

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name NC-123 AEROSOL, MM
Recommended use Moisture displacer
Information on Manufacturer
CHEMSEARCH DIV. OF NCH CORP.
BOX 152170
IRVING, TX 75015

Product Code 5616
Chemical nature Petroleum distillates
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Colorless to Light yellow

Physical state Liquid

Odor Kerosene

GHS

Classification

Physical Hazards

Gases under pressure

Compressed Gas

Health Hazard

Aspiration Toxicity

Category 1

Other hazards

None

Labeling

Signal Word

DANGER



Hazard statements

H304 - May be fatal if swallowed and enters airways

H280 - Contains gas under pressure; may explode if heated

Precautionary Statements

P210 - Keep away from heat, sparks, open flames or hot surfaces.

P251 - Pressurized container: Do not pierce or burn, even after use

P301+ P330 + P331 - IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call a physician if unwell.

P410 + P403 - Protect from sunlight. Store in a well-ventilated place

P501 - Dispose of contents and container in accordance with applicable local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Weight % *
Petroleum distillates, hydrotreated light	64742-47-8	60-100
Oleic acid	112-80-1	1-5
Carbon dioxide	124-38-9	1-5

*The exact percentage (concentration) of composition has been withheld as a trade secret

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

Wash off with soap and plenty of water. Get medical attention if irritation develops and persists. Remove contaminated clothing and shoes.

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 immediately. Never

Notes to physician

give anything by mouth to an unconscious person.

Aspiration hazard if swallowed - can enter lungs and cause damage. May be fatal if swallowed and enters airways.

5. FIRE-FIGHTING MEASURES

Flash Point 202 °F / 94 °C

Method No data available

Flammability Limits in Air %: No information available.

Upper: No data available

Lower: No data available

Suitable Extinguishing Media

Water spray. Foam. Dry powder. Carbon dioxide (CO₂). Dry sand. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

For safety reasons, do not use full water jet.

Specific hazards arising from the chemical

Material can create slippery conditions. Flame extension: 0 inches / 0 cm and Burnback: 0 inch / 0 cm.

Protective Equipment and Precautions for Firefighters

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

Aerosol Level (NFPA 30B) -

3

NFPA Health 2

Flammability 1

Instability 0

HMIS Health 2

Flammability 1

Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.

Environmental Precautions

Do not flush into surface water or sanitary sewer system.

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 vapors, mist or gas.

Storage

Keep away from heat and sources of ignition. Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.

Storage Temperature

Minimum 35 °F / 2 °C

Maximum 122 °F / 50 °C

Storage Conditions

Indoor X **Outdoor**

Heated **Refrigerated**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Petroleum distillates, hydrotreated light	525 mg/m ³ TWA	No data available	No data available
Carbon dioxide	TWA: 5000 ppm STEL: 30000 ppm	TWA: 5000 ppm TWA: 9000 mg/m ³	40000 ppm STEL 30000 ppm STEL 54000 mg/m ³ TWA: 5000 ppm TWA: 9000 mg/m ³

Engineering Measures

Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Personal Protective Equipment

Eye/Face Protection

Safety glasses with side-shields.

Skin Protection

Wear suitable protective clothing, Impervious 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

Wear protective gloves/clothing. Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state

Liquid

Viscosity

1.92 cSt at 40 °C

Color

Colorless to Light yellow

Odor

Kerosene

Odor Threshold

Not applicable

Appearance

Transparent

pH	Not applicable	Specific Gravity	0.805
Evaporation Rate	0.19 (Butyl acetate=1)	Percent Volatile (Volume)	No data available
VOC Content (%)	0	VOC Content (g/L)	0
Vapor Pressure	0.09	Vapor Density	0.805 (Air = 1.0)
Solubility	Insoluble	n-Octanol/Water Partition	No data available
Melting Point/Range	No data available	Decomposition Temperature	No data available
Boiling Point/Range	> 431 °F / 222 °C	Flammability (solid, gas)	No data available
Flash Point	202 °F / 94 °C	Method	No data available
Autoignition Temperature	No information available.		
Flammability Limits in Air %:	No information available	Upper:	No data available
		Lower:	No data available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions.
Conditions to Avoid	Keep away from open flames, hot surfaces, and sources of ignition.
Incompatible Products	Strong acids and strong bases.
Decomposition Temperature	No data available
Hazardous Decomposition Products	Carbon oxides.
Possibility of Hazardous Reactions	No information available.

11. TOXICOLOGICAL INFORMATION

Product Information No information available.

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50	No information available
Dermal LD50	No information available
Inhalation LC50	
Gas	No information available
Mist	No information available
Vapor	No information available

Principle Route of Exposure Eye contact, Skin contact, Inhalation, Ingestion.

Primary Routes of Entry Skin contact.

Acute Effects:

Eyes	May cause slight irritation.
Skin	May cause slight irritation.
Inhalation	May cause irritation of respiratory tract.
Ingestion	May be fatal if swallowed and enters airways. Aspiration hazard if swallowed - can enter lungs and cause damage.

Chronic Toxicity No information available.

Target Organ Effects None known.

Aggravated Medical Conditions None known.

Component Information

Acute Toxicity

Component	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Petroleum distillates, hydrotreated light 64742-47-8	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	no data available	No data available	No data available
Oleic acid 112-80-1	> 5000 mg/kg (Rat)	no data available	No data available	No data available	No data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Carbon dioxide 124-38-9	No data available	No data available	No data available	No data available	Respiratory system Cardiovascular system

Carcinogenicity There are no known carcinogenic chemicals in this product.

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	log Pow
Petroleum distillates, hydrotreated light	No information available.	LC50 = 45 mg/L Pimephales promelas 96 h LC50 = 2.2 mg/L Lepomis macrochirus 96 h LC50 = 2.4 mg/L Oncorhynchus mykiss 96 h	No information available	No information available.	N/A

Oleic acid	No information available.	LC50 = 205 mg/L Pimephales promelas 96 h	No information available	No information available.	N/A
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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

Proper Shipping Name CONSUMER COMMODITY
Hazard Class ORM-D
Description CONSUMER COMMODITY, ORM-D

TDG

Proper shipping name AEROSOLS, NON-FLAMMABLE
Hazard Class 2.2
UN-No UN1950
Description UN1950, AEROSOLS, NON-FLAMMABLE, 2.2, LTD QTY

ICAO

UN-No UN1950
Proper Shipping Name AEROSOLS, NON-FLAMMABLE
Hazard Class 2.2
Shipping Description UN1950, AEROSOLS, NON-FLAMMABLE, 2.2, LTD QTY

IATA

UN-No UN1950
Proper Shipping Name AEROSOLS, NON-FLAMMABLE
Hazard Class 2.2
ERG-Code 10L
Shipping Description UN1950, AEROSOLS, NON-FLAMMABLE, 2.2, LTD QTY

IMDG/IMO

Proper Shipping Name AEROSOLS
Hazard Class 2.2
UN-No UN1950
EmS No. F-D, S-U
Description UN1950, AEROSOLS, 2.2, 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 Title 40 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	No	No	Yes	No

CERCLA

16. OTHER INFORMATION

Prepared By Samantha Purvis
Supersedes Date 10/13/2015
Issuing Date 05/17/2016
Reason for Revision No information available.

Glossary No information available.

List of References. No information available.

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