



Safety Data Sheet NC-123 PLUS AEROSOL

Supersedes Date - Initial Release

Issuing Date MAY 2020

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: NC 123 PLUS AEROSOL
Recommended use Moisture displacer
Manufacturer, importer, supplier
NCH AUSTRALIA PTY LTD
N2, 391, PARK ROAD, REGENTS PARK, NSW 2143
Telephone inquiry
+61-2-96690260
Emergency Telephone Number
+61-2-96690237/0401718972
Fax number
+61-2-96931562

Product Code: 5616
Chemical nature Petroleum distillates
Distributor
NCH AUSTRALIA
N2, 391, PARK ROAD, REGENTS PARK, NSW 2143
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2. HAZARD IDENTIFICATION

Color Colorless to Light yellow

Physical state Liquid

Odor Kerosene

GHS

Classification

Physical Hazards

None
Compressed Gas

Gases under pressure

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

P301+ P310 - IF SWALLOWED: Immediately call a physician
P331 - DO NOT induce vomiting
P410 + P403 - Protect from sunlight. Store in a well-ventilated place
P405 - Store locked up
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

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Component	CAS No.	Weight-%
Petroleum distillates, hydrotreated light (<3% DMSO extractable)	64742-47-8	60-100
Carbon dioxide	124-38-9	0-10
Proprietary Non-hazardous NONE	NONE	0.-10

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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 give anything by mouth to an unconscious person.
Notes to physician	Aspiration hazard if swallowed - can enter lungs and cause damage. May be fatal if swallowed and enters airways.

5. FIRE-FIGHTING MEASURES

Flash Point	94°C	Method	No data available	Autoignition
Temperature	No information available.			
Flammability Limits in Air %:	No information available.		Upper:	Lower:
			No data available	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, Safe Work, Australia (approved or equivalent) and full protective gear.

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	2°C	Maximum	50°C
Storage Conditions	Indoor	X	Outdoor	Heated Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ES-TWA	ISHL	ACGIH TLV	Petroleum distillates, hydrotreated light (<3% DMSO extractable)	No data available	525 mg/m ³ TWA
Carbon dioxide	STEL: 30000 ppm STEL: 54000 mg/m ³ TWA: 5000 ppm TWA: 9000 mg/m ³ TWA: 12500 ppm TWA: 22500 mg/m ³	No data available	TWA: 5000 ppm STEL: 30000 ppm			

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 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 Safety glasses with side-shields.

Eye/Face Protection

Hand Protection

Skin Protection

Protective gloves

Wear suitable protective clothing, Impervious gloves.

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

Appearance	Transparent
Color	Colorless to Light yellow
Physical state	Liquid
Odor	Kerosene
Odor Threshold	No data available
pH	Not applicable
Melting Point/Range	No data available
Freezing Point	No information available
Boiling Point/Range	222°C
Flash Point	94°C
Method	No data available
Evaporation Rate	0.19 (Butyl acetate=1)
Vapor pressure	0.09
Solubility	Insoluble
Vapor Density	0.805 (Air = 1.0)
Specific Gravity	0.805
Autoignition Temperature	No information available.
Viscosity	1.92 cSt at 40 °C
Molecular Weight	No data available
Percent Volatile (Volume)	No data available
VOC Content (%)	0
VOC Content (g/L)	0

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.

Hazardous Decomposition Products
Possibility of Hazardous Reactions

Carbon oxides.
 No information available.

11. TOXICOLOGICAL INFORMATION

Product Information

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

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 No information available
Gas Not applicable
Mist Not applicable
Vapor Not applicable
Primary Routes of Entry Skin contact.

Main Symptoms

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 Effects:

Target Organ Effects:

Aggravated Medical Conditions None known.

Component Information

Acute Toxicity

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Petroleum distillates, hydrotreated light (<3% DMSO extractable)	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	no data available	No data available	No data available

Chronic Toxicity

Chemical name	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Carbon dioxide	No data available	Not applicable	No data available	No data available.	Cardiovascular system Respiratory system

Carcinogenicity

There are no known carcinogenic chemicals in this product.

12. ECOLOGICAL INFORMATION

Product Information

No data available

Component Information

Chemical name	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	Partition coefficient
Petroleum distillates, hydrotreated light (<3% DMSO extractable)	Not applicable	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 data available	4720: 96 h Den-dronereides heteropoda mg/L LC50	N/A

Ecotoxicity effects

No information available

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

ADG 7

UN Number	UN1950
UN proper shipping name	AEROSOLS
Hazard Class	2.2
Hazchem C	2YE
Description	UN1950, AEROSOLS, NON-FLAMMABLE, 2.2, LTD QTY

15. REGULATORY INFORMATION

Australia	
POISON SCHEDULE	Schedule 5

16. OTHER INFORMATION

Prepared By	Arvind Rane
Super cedes Date	INITIAL RELEASE
Issuing Date	MAY 2020
Reason for Revision	INITIAL RELEASE -GHS-SDS FORMAT
Glossary	No information available.
List of References.	No information available.

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