

SAFETY DATA SHEET

NC-123 PLUS AEROSOL

Infosafe No.: IG011
ISSUED Date : 31/05/2020
ISSUED by: NCH AUSTRALIA PTY LTD,DIV. OF
NCH CORPORATION

1. Identification

GHS Product Identifier

NC-123 PLUS AEROSOL

Product Code

5616

Company name

NCH AUSTRALIA PTY LTD,DIV. OF NCH CORPORATION

Address

N2, 391, PARK ROAD REGENTS PARK
NSW 2143 AUSTRALIA

Telephone/Fax Number

Tel: +61-2-96690260

Fax: +61-2-96931562

Emergency phone number

+61-2-96690237 / 0401718972

Recommended use of the chemical and restrictions on use

Moisture displacer

Additional Information

Chemical nature Petroleum distillates

2. Hazard Identification

GHS classification of the substance/mixture

Classification

Physical Hazards

None

Compressed Gas : Gases under pressure

Health Hazard

Aspiration Toxicity : Category 1

Other Hazards

None

Signal Word (s)

DANGER

Hazard Statement (s)

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

Pictogram (s)

Health hazard,Gas cylinder



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Precautionary statement – Response

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331 Do NOT induce vomiting.

Precautionary statement – Storage

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

P405 Store locked up.

Precautionary statement – Disposal

P501 Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable

3. Composition/information on ingredients

Ingredients

Name	CAS	Proportion
Carbon Dioxide	124-38-9	0-10 Wt%
Proprietary Non-hazardous	NONE	0-10 Wt%

Other Information

Component : Petroleum distillates, hydrotreated light (<3% DMSO extractable)

CAS No. : 64742-47-8

Weight-% : 60-100

Component : Carbon dioxide

CAS No. : 124-38-9

Weight-% : 0-10

Component : Proprietary Non-hazardous NONE

CAS No. : NONE

Weight-% : 0.-10

4. First-aid measures

First Aid Measures

General advice: Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist, or gas.

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.

Skin

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

Eye contact

Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

Advice to Doctor

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

5. Fire-fighting measures

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.

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Special Protective Equipment for fire fighters

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

Specific Hazards Arising From The Chemical

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

Hazchem Code

2YE

6. Accidental release measures

Methods And Materials For Containment And Cleaning Up

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.

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.

Other Information

Neutralizing Agent: Not applicable.

7. Handling and storage

Precautions for Safe Handling

Avoid contact with skin, eyes and clothing

Avoid breathing vapors, mist or gas

Conditions for safe storage, including any incompatibilities

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 Conditions: Indoor

Storage Temperatures

Minimum: 2 °C

Maximum: 50°C

8. Exposure controls/personal protection

Occupational exposure limit values

Exposure Guidelines:

Chemical name : Petroleum distillates, hydrotreated light (<3% DMSO extractable)

ES-TWA :

ISHL : No data available

ACGIH TLV : 525 mg/m³ TWA

Chemical name : Carbon dioxide

ES-TWA :

STEL: 30000 ppm

STEL: 54000 mg/m³

TWA: 5000 ppm

TWA: 9000 mg/m³

TWA: 12500 ppm

TWA: 22500 mg/m³

ISHL : No data available

ACGIH TLV :

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TWA: 5000 ppm

STEL: 30000 ppm

Appropriate engineering controls

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.

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

Eye Protection

Safety glasses with side-shields.

Hand Protection

Protective gloves

Body Protection

Skin Protection : Wear suitable protective clothing, Impervious gloves.

Hygiene Measures

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

Properties	Description	Properties	Description
Form	Liquid	Appearance	Transparent
Colour	Colorless to Light yellow	Odour	Kerosene
Melting Point	No data available	Freezing Point	No information available
Boiling Point	222°C	Specific Gravity	0.805
pH	Not applicable	Vapour Pressure	0.09
Vapour Density (Air=1)	0.805 (Air = 1.0)	Evaporation Rate	0.19 (Butyl acetate=1)
Physical State	Liquid	Odour Threshold	No data available
Viscosity	1.92 cSt at 40 °C	Volatile Component	No data available
Flash Point	94°C Method: No data available	Auto-Ignition Temperature	No information available
Flammable Limits - Lower	No data available	Flammable Limits - Upper	No data available
Molecular Weight	No data available		

Other Information

Solubility: Insoluble

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 materials

Strong acids and strong bases.

Hazardous Decomposition Products

Carbon oxides.

Possibility of hazardous reactions

No information available.

11. Toxicological Information

Toxicology Information

Product Information :

Principle Route of Exposure :

Eye contact, Skin contact, Inhalation.

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.

Target Organ Effects: None known.

Aggravated Medical Conditions None known.

Chemical name : Petroleum distillates, hydrotreated light (<3% DMSO extractable)

Draize Test : no data available

Other : no data available

Target Organ Effects: Central nervous system, Respiratory system, Kidney, Liver.

Aggravated Medical Conditions: Neurological disorders, Kidney disorders, Liver disorders, Skin disorders.

Component Information:

Acute Toxicity:

Component: Petroleum distillates, hydro treated light

Draize Test: No data available

Other: No data available

Component: Solvent naphtha (petroleum), medium aliphatic

Draize Test: No data available

Other: No data available

Component: Propane

Draize Test: No data available

Other: No data available

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Component: Butane
Draize Test: No data available
Other: No data available

Component: Barium sulphonate
Draize Test: No data available
Other: No data available

Component: Paraffin wax
Draize Test: No data available
Other: No data available

Component: INGREDIENTS DETERMINED NOT TO BE HAZARDOUS
Draize Test: No data available
Other: No data available

Acute Toxicity - Oral

Chemical name : Petroleum distillates, hydrotreated light (<3% DMSO extractable)
Oral LD50 : > 5000 mg/kg (Rat)

Acute Toxicity - Inhalation

Chemical name : Petroleum distillates, hydrotreated light (<3% DMSO extractable)
Inhalation LC50 : no data available

Acute Toxicity - Dermal

Chemical name : Petroleum distillates, hydrotreated light (<3% DMSO extractable)
Dermal LD50 : > 2000 mg/kg (Rabbit)

Ingestion

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

Inhalation

May cause irritation of respiratory tract.

Skin

May cause slight irritation.

Eye

May cause slight irritation.

Carcinogenicity

There are no known carcinogenic chemicals in this product.

Subchronic/Chronic Toxicity

Chemical name : Carbon dioxide
Mutagenicity : No data available
Sensitization : No data available
Developmental Toxicity : No data available
Reproductive Toxicity : No data available
Target Organ Effects : Cardiovascular system Respiratory system

Chronic Effects

No information available.

12. Ecological information

Ecological information

Product Information : No data available

Component Information

Chemical name : Petroleum distillates, hydrotreated light (<3% DMSO extractable)
Microtox : No data available
Crustacea : 4720: 96 h Den-dronereides heteropoda mg/L LC50
Partition coefficient : N/A

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Ecotoxicity

No information available

Persistence and degradability

No information available

Mobility

No information available

Bioaccumulative Potential

No information available

Acute Toxicity - Fish

Chemical name : Petroleum distillates, hydrotreated light (<3% DMSO extractable)

Toxicity to Fish :

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

Acute Toxicity - Algae

Chemical name : Petroleum distillates, hydrotreated light (<3% DMSO extractable)

Toxicity to Algae : Not applicable

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

U.N. Number

1950

UN proper shipping name

AEROSOLS

Transport hazard class(es)

2.2

Hazchem Code

2YE

IERG Number

49

UN Number (Air Transport, ICAO)

1950

IATA/ICAO Proper Shipping Name

AEROSOLS, NON-FLAMMABLE

IATA/ICAO Hazard Class

2.2

IMDG UN No

1950

IMDG Proper Shipping Name

AEROSOLS

IMDG Hazard Class

2.2

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Other Information

Description : UN1950, AEROSOLS, NON-FLAMMABLE, 2.2, LTD QTY

15. Regulatory information

Poisons Schedule

S5

16. Other Information

References

List of References. : No information available.

User Codes

User Title Label	User Codes
Wis Numbers	00579921

Signature of Preparer/Data Service

Arvind Rane

Revisions Highlighted

Reason for Revision: INITIAL RELEASE -GHS-SDS FORMAT

Other Information

Super cedes Date : INITIAL RELEASE

Glossary : No information available.

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END OF SDS

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