



Safety Data Sheet AQUA BLOCK

Supersedes Date DEC 2016

Issuing Date JUNE 2020

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name AQUA BLOCK

Product Code 0902

Recommended use Lubrication, moisture displacer & corrosion inhibitor. Electrical component cleaner.

Chemical nature Petroleum distillates & Paraffin mixture

Manufacturer, importer, supplier

NCH AUSTRALIA PTY LTD, DIV. OF NCH CORPORATION
N2, 391, PARK ROAD, REGENTS PARK, NSW 2143

Distributor

NCH AUSTRALIA PTY LTD
N2, 391, PARK ROAD, REGENTS PARK, NSW 2143

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2. HAZARD IDENTIFICATION

Colour Light Amber

Physical State Liquid

Odour Petroleum distillates

GHS

Classification

Physical Hazards

Flammable liquids

Category 3

Health Hazard

Aspiration Toxicity

Category 1

Other Hazards

Labelling

Signal Word

Danger



Hazard

Statements

H226 - Flammable liquid and vapour

H304 - May be fatal if swallowed and enters airways

Precautionary

Statements

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking

P233 - Keep container tightly closed

P240 - Ground/bond container and receiving equipment

P241 - Use explosion-proof electrical/ventilating/lighting/equipment

P242 - Use only non-sparking tools

P243 - Take precautionary measures against static discharge

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P331 - Do NOT induce vomiting

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

P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower

P370 + P378 - In case of fire: use water spray, dry chemical, carbon dioxide, foam for extinction

P403 + P235 - Store in a well-ventilated place. Keep cool

P405 - Store locked up

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No	ENCS	Weight %
Petroleum distillates, hydro treated light	64742-47-8	Present	UP TO 100%
OXIDISED HYDROCARBON WAXES	61790-48-5	Present	0-10

4. FIRST AID MEASURES

General advice

Avoid contact with skin, eyes and clothing. Avoid breathing vapours, 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.

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.

5. FIRE-FIGHTING MEASURES

Flash Point	41 °C	Method	Seta closed cup
Auto ignition Temperature	No information available.		
Flammability Limits in Air %	Solvent mixture. Upper 8.9	Lower	0.8
Suitable Extinguishing Media	Water spray. Carbon dioxide (CO ₂), Foam, Dry Chemical or Water fog. Foam. Dry chemical.		
Specific hazards arising from the chemical	Solvent vapours are heavier than air and may spread along floors. Vapours may ignite and explode. Material can create slippery conditions.		
Protective Equipment and Precautions for Firefighters	Wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.		

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Remove all sources of ignition. Ensure adequate ventilation. 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	Clean preferably with a detergent, do not use solvents. Pick up and transfer to properly labelled containers.
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Keep away from open flames, hot surfaces and sources of ignition Take precautionary measures against static discharges Avoid contact with skin, eyes and clothing Avoid breathing vapours, mist or gas			
Storage	Store in original container Keep containers tightly closed in a dry, cool and well-ventilated place Keep away from heat and sources of ignition			
Storage Temperature	Minimum	2 °C	Maximum	49 °C
Storage Conditions	Indoor	X	Outdoor	Heated Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ES-TWA	ISHL	ACGIH TLV
Petroleum distillates, hydro treated light		no data available	5 mg/m ³ as oil mist
OXIDISED HYDROCARBON WAXES		no data available	No data available

Engineering Measures

Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Respiratory Protection

In case of insufficient ventilation wear suitable respiratory equipment

Eye/Face Protection

Safety glasses with side-shields.

Hand Protection

Protective gloves

Skin Protection

Neoprene gloves

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

Appearance	Transparent
Colour	Light Amber
Physical State	Liquid
Odour	Petroleum distillates
Odour Threshold	No data available
pH	Not applicable
Melting Point/Range	No data available
Freezing Point	No information available
Boiling Point/Range	>149 °C
Flash Point	41 °C
Method	Seta closed cup
Evaporation Rate	0.3 (Butyl acetate=1)
Vapour Pressure	3.55 mm Hg @ 21°C
Solubility	Negligible
Vapour Density	6.6 (Air = 1.0)
Specific Gravity	Specific Gravity 0.78
Auto ignition Temperature	No information available.
Viscosity	Non viscous
Molecular Weight	No data available
Bulk Density (lb/cu ft.)	6.5
Percent Volatile (Volume)	91.60 %
VOC Content (%)	90

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	Keep away from open flames, hot surfaces, and sources of ignition
Incompatible Products	Strong oxidizing agents, Acids.
Hazardous Decomposition Products	Carbon oxides, Aldehydes, Sulphur oxides.
Possibility of Hazardous Reactions	None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information

Principle Route of Exposure

Skin contact, Eye contact, Inhalation.

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):

Oral LD50 2,565.00 mg/kg
Dermal LD50 2,224.00 mg/kg

Inhalation LC50
Gas 5,253.00 mg/L
Mist 4.10 mg/L
Vapour not applicable

Primary Routes of Entry Inhalation

Main Symptoms

Acute Effects

Eyes Causes eye irritation.

Skin Causes skin irritation.

Inhalation May cause irritation of respiratory tract & mucous membrane. Inhalation may cause central nervous system effects.

Ingestion Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Aspiration hazard if swallowed - can enter lungs and cause damage. May be fatal if swallowed and enters airways.

Chronic Effects Inhalation of vapours in high concentration may cause shortness of breath (lung oedema)

Target Organ Effects Respiratory system, Central Nervous System, Cardiovascular system, Skin, Eyes.

Aggravated Medical Conditions Neurological disorders, Skin disorders, Respiratory disorders.

Component Information

Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Petroleum distillates, hydro treated light	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat) 4 h	no data available	no data available
OXIDISED HYDROCARBON WAXES	no data available	no data available	no data available	no data available	no data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Petroleum distillates, hydro treated light	no data available	no data available	no data available	no data available	respiratory system, liver, kidney, CNS
OXIDISED HYDROCARBON WAXES	no data available	no data available	no data available	no data available	no data available

Carcinogenicity

Component	ES	ACGIH	IARC	NTP	Other
Petroleum distillates, hydro treated light	not applicable				
OXIDISED HYDROCARBON WAXES	not applicable				

12. ECOLOGICAL INFORMATION

Product Information

No data available

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Petroleum distillates, hydro treated light	no data available	LC50 = 2.2 mg/L Lepomis macrochirus 96 h LC50 = 2.4 mg/L Oncorhynchus mykiss 96 h LC50 = 45 mg/L Pimephales promelas 96 h	no data available	no data available	N/A
OXIDISED HYDROCARBON WAXES	no data available	no data available	no data available	no data available	N/A

Eco toxicity effects

No information available.

Bioaccumulation

No information available.

Mobility in soil.

No information available

No information available.

No information available

No information available

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of as hazardous waste in compliance with local and national regulations.
Container Disposal Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION**ADG 7**

UN-No	UN1993
Proper Shipping Name	Flammable Liquid , n.o.s.
Hazard Class	3
Packing Group	III
Hazchem Code	3(Y)
Shipping Description	UN1993,Flammable Liquid , n.o.s.,3,PG III

15. REGULATORY INFORMATION

Australia	
POISON SCHEDULE	Schedule 5

16. OTHER INFORMATION

Prepared By	Arvind Rane
Super cedes Date	DEC 2016
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Reason for Revision	GHS-SDS FORMAT , COMPANY ADDRESS CHANGE
Glossary	No information available.
List of References.	No information available.

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