



Safety Data Sheet SYSTEM PURGE

Supersedes Date DEC 2016

Issuing Date JUNE 2020

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name SYSTEM PURGE
Recommended use EQUIPMENT FLUSHING OIL
Manufacturer, importer, supplier
NCH AUSTRALIA PTY LTD, DIVISION OF NCH CORP.
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 256J
Chemical nature Petroleum distillates
Distributor
NCH AUSTRALIA PTY LTD
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2. HAZARD IDENTIFICATION

Colour Brown

Physical state liquid

Odour Mild Petroleum-like

Mixture or Pure Substance: Mixture

GHS

Classification

Physical Hazards

None

Health Hazard

Serious Eye Damage/Eye Irritation

Category 2B

Other Hazards

None

Labelling

Signal Word Warning

Hazard

Statements

H320 - Causes eye irritation

Precautionary

Statements

P264 - Wash face, hands and any exposed skin thoroughly after handling
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists, get medical attention.
P501 - Dispose of contents and container in accordance with applicable local regulations

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %
White mineral oil, solvent refined	8042-47-5	60-100
INGREDIENTS DETERMINED NOT TO BE HAZARDOUS	-	UP TO 100%

4. FIRST AID MEASURES

General advice	Avoid contact with skin, eyes and clothing. Avoid breathing mist.
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 with soap and 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	204 °C	Method	Open cup
Auto ignition Temperature	No information available.		
Flammability Limits in Air %:	Not applicable.	Upper:	No data available
		Lower:	No data available

Suitable Extinguishing Media

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

Specific hazards arising from the chemical

Material can create slippery conditions.

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	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin, eyes and clothing			
	Avoid breathing mist			
Storage	Store in original container			
	Keep containers tightly closed in a dry, cool and well-ventilated place			
Storage Temperature	Minimum	-18 °C	Maximum	49 °C
Storage Conditions	Indoor	X	Outdoor	
			Heated	Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ES-TWA	ISHL	ACGIH TLV	White mineral oil, solvent refined	TWA: 5 mg/m ³	no data available	5 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	In case of inadequate ventilation wear respiratory protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators						
Respiratory Protection	Safety glasses with side-shields.						
Eye/Face Protection	Protective gloves						
Hand Protection	For prolonged or repeated contact, use protective gloves with appropriate chemical resistance.						
Skin Protection	Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.						
General Hygiene Considerations							

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Transparent
Colour	Brown
Physical state	liquid
Odour	Mild Petroleum-like
Odour Threshold	No data available
pH	Not applicable
Melting Point/Range	No data available
Freezing Point	No data available
Boiling Point/Range	302°C
Flash Point	204°C
Method	Open cup
Evaporation Rate	0 (Butyl acetate=1)
Vapour Pressure	0.01 mmHg @ 21°C
Solubility	Negligible
Vapour Density	8.8 (Air = 1.0)
Specific Gravity	0.88
Auto ignition Temperature	No information available.
Viscosity	Slight viscous
Molecular Weight	No data available
Percent Volatile (Volume)	0
VOC Content (%)	0
VOC Content (g/L)	0

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	None known.
Incompatible Products	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon oxides, Sulphur oxides, Aldehydes.
Possibility of Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information

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

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

Dermal LD50 No information available

Inhalation LC50

Gas	Not applicable
Mist	not applicable
Vapour	not applicable
Primary Routes of Entry	None known.
Main Symptoms	
Acute Effects:	
Eyes	May cause eye irritation.
Skin	May cause skin irritation.
Inhalation	May cause irritation of respiratory tract. (Mist).
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.
Chronic Effects:	Prolonged or repeated inhalation may cause damage to the lungs; Prolonged skin contact may defat the skin and produce dermatitis.
Target Organ Effects	Respiratory system.
Aggravated Medical Conditions	Skin disorders, Respiratory disorders.

Component Information**Acute Toxicity**

Component	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
White mineral oil, solvent refined	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 2062 ppm (Rat) 4 h	no data available	no data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
White mineral oil, solvent refined	no data available	Not applicable	no data available	no data available.	Skin Eyes Respiratory system

Carcinogenicity

There are no known carcinogenic chemicals in this product.

12. ECOLOGICAL INFORMATION

Product Information

No data available

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	log Pow
White mineral oil, solvent refined	Not applicable	LC50 > 10000 mg/L Lepomis macrochirus 96 h	no data available	Not applicable	6.006

Eco toxicity effects

No information available

Persistence and Degradability**Bioaccumulation**

No information available

Mobility

No information available

13. DISPOSAL CONSIDERATIONS

Product Disposal

Dispose of contents/container in accordance with local regulation.

Container Disposal

Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

ADG 7

Not regulated

15. REGULATORY INFORMATION

Australia**POISON SCHEDULE**

Schedule 5

16. OTHER INFORMATION

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List of References.	No information available.

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