



Issue Date 07-06-2020

Revision date 07-06-2020

Revision Number 2

1. Identification

Product identifier

Product name **5040**

Other means of identification

Recommended use of the chemical and restrictions on use

Material Uses **Coolant**

Uses advised against **Verify Applications**

Details of manufacturer or importer

Supplier

LiveTools PTY Limited
115 Young St. Carrington
NSW 2294 Australia
Telephone: 02 4017 0198

Contact Point

Emergency telephone number

Emergency telephone number **Livertools: 02 4017 0198**

2. Hazard(s) identification

Not classified as hazardous according to criteria of NOHSC.

GHS Classification

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

Label Elements

Hazard statements

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

Other Hazards

General Hazards **None known**

3. Composition/information on ingredients

Substance

Synthetic Fluid

4. First-aid measures

Description of first aid measures

Emergency telephone number	Poisons Information Center, Australia: 13 11 26 Poisons Information Center, New Zealand: 0800 764 766
Inhalation	Remove from exposure, lie down. If symptoms persist, call a physician.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	Remove material from skin immediately. Wash skin with soap and water. Wash contaminated clothing before reuse.
Ingestion	Do NOT induce vomiting. Clean mouth with water. If symptoms persist, call a physician.
Equipment Requirements	Have eye-wash facilities immediately available. Facilities for quickly drenching the body should be provided within the immediate work area for emergency use where there is a possibility of exposure.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media No information available.

Specific hazards arising from the chemical

Specific hazards arising from the chemical Non-combustible.

Hazardous combustion products Carbon oxides.

Special protective actions for fire-fighters

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective gloves/protective clothing and eye/face protection. Ensure adequate ventilation.

For emergency responders Use personal protection recommended in Section 8.

Environmental precautions

Environmental precautions Keep out of waterways.

Methods and material for containment and cleaning up

Methods for containment Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

Methods for cleaning up Pick up and transfer to properly labeled containers.

Precautions to prevent secondary hazards

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. Handling and storage

Precautions for safe handling

Advice on safe handling Avoid breathing vapors or mists. Use only with adequate ventilation.

General hygiene considerations Wash hands before breaks and after work.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store in a cool, dry area away from potential sources of heat, open flames, sunlight or other chemicals. Keep container tightly closed in a dry and well-ventilated place. Keep from freezing. Store in accordance with local regulations.

Incompatible materials Acids and oxidizing agents.

8. Exposure controls/personal protection

Control parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles). Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337- Eye Protectors for Industrial Applications.

Skin and body protection	Wear suitable protective clothing.
Hand protection	Impervious gloves. Occupational protective gloves should conform to relevant regulations. Reference should be made to AS/NZS 2161.1 Occupational protective gloves- Selection, use and maintenance.
Respiratory protection	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.
Environmental exposure controls	No information available.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state	Liquid
appearance	amber
Color	amber
Odor	Mild.
Odor threshold	No data available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	9.5	
Melting point / freezing point	No data available	
Boiling point / boiling range	100 °C	
Flash point	No data available	
Evaporation rate	No data available	
Flammability (solid, gas)	No data available	
Flammability Limit in Air		
Upper flammability limit:	No data available	
Lower flammability limit:	No data available	
Vapor pressure	<1 mmHg @ 20 °C	
Vapor density	No data available	
Relative Density	1.015	
Water solubility	Soluble in water	
Solubility in other solvents	No information available	
Partition coefficient	No data available	
Autoignition temperature	No data available	
Decomposition temperature	No data available	
Kinematic viscosity	6.1 cSt @ 40°C	
Dynamic viscosity	28 SUS @ 100°F	
Explosive properties	No information available	
Oxidizing properties	No information available	

Other information

Softening point	No information available
VOC Content (%)	No information available
Liquid Density	No information available
Bulk density	No information available

10. Stability and reactivity

Reactivity

Reactivity	Reacts with incompatible materials.
-------------------	-------------------------------------

Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

Hazardous polymerization Hazardous polymerization does not occur.

Conditions to avoid

Conditions to avoid Keep away from open flames, hot surfaces and sources of ignition.

Incompatible materials

Incompatible materials Acids and oxidizing agents.

Hazardous decomposition products

Hazardous decomposition products Carbon oxides.

11. Toxicological information

Acute Health Effects

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available.

Eye contact Specific test data for the substance or mixture is not available.

Skin contact No known effect.

Ingestion No known effect

Symptoms No information available.

Numerical measures of toxicity - Product Information

Unknown acute toxicity No information available

Oral LD50 > 5000 mg/kg (rat)

See section 16 for terms and abbreviations

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity None known.

Carcinogenicity	None known.
Reproductive toxicity	None known.
STOT - single exposure	None known.
STOT - repeated exposure	None known.
Aspiration hazard	Not applicable.

12. Ecological information

Ecotoxicity

Ecotoxicity No information available.

Persistence and degradability

Persistence/Degradability No information available.

Bioaccumulative potential

Bioaccumulation No information available.

Mobility

Mobility in soil No information available.

Mobility in Environmental Media Soluble in water.

Other adverse effects

Other adverse effects None known.

13. Disposal considerations

Waste treatment methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

14. Transport information

ADG Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG code)(7th edition).

IATA Not regulated
Proper shipping name Not applicable

IMDG Not regulated
UN proper shipping name Not regulated
Marine pollutant Not regulated

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information available

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

Australia

Not classified as hazardous according to criteria of NOHSC.

See section 8 for national exposure control parameters

Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

No poisons schedule number allocated

International Inventories

TSCA	Does not comply
DSL/NDSL	Does not comply
EINECS/ELINCS	Does not comply
ENCS	Does not comply
IECSC	Does not comply
KECL	Does not comply
PICCS	Does not comply
AICS	Does not comply

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

International Regulations

Ozone-depleting substances (ODS) Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

16. Other information

Issue Date	07-06-2020
Revision date	07-06-2020
Revision Summary	Periodic Review

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend SECTION 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
C	Carcinogen		

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

End of SDS