



SAFETY DATA SHEET

Section 1: Identification

Product identifier Master STAGES™ Whamex XT™
Other means of identification None
Recommended use of the chemical and restrictions on use
Recommended use Liquid cleaners
Restrictions on use Applicable for industrial settings only. No other uses are advised.

Details of manufacturer or importer

Supplier

Company name Industrial Lubricants & Services Ltd
Address 15 Accent Drive
East Tamaki 2013
Auckland
New Zealand
Telephone 64 9 2740159
Manufacturer Master Fluid Solutions (Tianjin)
Address No. 66, No.9 Xin Ye Street, TEDA (West)
Tianjin 300462
P.R. China
e-mail info@masterchemical.com.cn

Emergency telephone number 0800 10 40 17 (NZ use only)

NEW ZEALAND NATIONAL POISONS CENTRE 0800 764 766

Section 2: Hazard identification

Classification of the hazardous chemical

Physical hazards Not classified.
Health hazards Skin corrosion/irritation Category 2
Environmental hazards Not classified.

Label elements, including precautionary statements

Hazard symbol(s)



Exclamation mark

Signal word

Warning

Hazard statement(s)

Causes skin irritation.

Precautionary statement(s)

Prevention

Wash hands thoroughly after handling. Wear protective gloves.

Response

If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Storage

Store away from incompatible materials.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards which do not result in classification

None.

HSNO classification

6.3A - Substances that are irritating to the skin

Supplemental information

None.

Section 3: Composition/information on ingredients

Mixture

Identity of chemical ingredients	CAS number and other unique identifiers	Concentration of ingredients
Amine Neutralized Carboxylic Acids	Mixture	1 - < 3
EDTA Tetrasodium	64-02-8	1 - < 3
Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine	4719-04-4	1 - < 3
Other components below reportable levels		90 - 100

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

Section 4: First-aid measures

Description of necessary first aid measures

Inhalation	Move to fresh air.
Skin contact	Wash affected area with mild soap and water.
Eye contact	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses.
Ingestion	In the unlikely event of swallowing contact a physician or poison control centre.
Personal protection for first-aid responders	In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Symptoms caused by exposure	May cause skin irritation.
Medical attention and special treatment	Provide general supportive measures and treat symptomatically.

Section 5: Fire-fighting measures

Extinguishing media

Suitable extinguishing media	Dry chemical, CO ₂ , water spray or alcohol resistant foam. Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.
Specific hazards arising from the chemical	No unusual fire or explosion hazards noted.
Special protective equipment and precautions for fire fighters	Wear suitable protective equipment. Use standard firefighting procedures and consider the hazards of other involved materials.
Fire fighting equipment/instructions	Containers should be cooled with water to prevent vapour pressure build up.
Hazards from combustion products	None under normal conditions. Combustion products may contain oxides of: Carbon (CO _x) Nitrogen (NO _x)

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Keep unnecessary personnel away. For personal protection, see section 8 of the SDS. Use personal protective equipment as required.
For emergency responders	Use personal protective equipment as required.
Environmental precautions	Prevent entry into waterways, sewer, basements or confined areas.
Methods and materials for containment and cleaning up	Soak up with inert absorbent material. Clean up in accordance with all applicable regulations.

Section 7: Handling and storage

Precautions for safe handling	Do not taste or swallow. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.
Conditions for safe storage, including any incompatibilities	The product is stable and non-reactive under normal conditions of use, storage and transport. Store in a closed container. Store in a dry place.

Section 8: Exposure controls/personal protection

Control parameters	Follow standard monitoring procedures.
Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, for example personal protective equipment (PPE)

Eye/face protection	Safety glasses.
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves.
Other	Wear appropriate chemical resistant clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
Hygiene measures	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9: Physical and chemical properties**Appearance**

Physical state	Liquid.
Form	Not available.
Colour	Straw yellow
Odour	Slight
Odour threshold	Not available.
pH	10.5 - 11.5
Melting point/freezing point	-7.6 °C (18.32 °F)
Initial boiling point and boiling range	Not available.
Flash point	>100.0 °C (>212.0 °F)
Evaporation rate	<1
Flammability (solid, gas)	Not available.

Upper/lower flammability or explosive limits

Explosive limit - lower (%)	Not available.
Explosive limit – upper (%)	Not available.

Vapour pressure	Not available.
Vapour density	Not available.
Relative density	Not available.

Solubility(ies)

Solubility (water)	Soluble
Partition coefficient (n-octanol/water)	Not available.

Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Kinematic viscosity	Not available.

Other physical and chemical parameters

Flash point class	ASTM D93-08
pH in aqueous solution	9.8 - 10.5
Specific gravity	1.021 - 1.129

Section 10: Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Stable at normal conditions.
Possibility of hazardous reactions	Hazardous polymerisation does not occur.
Conditions to avoid	Do not add sodium nitrite or other nitrosating agents which may form cancer causing nitrosamines.
Incompatible materials	Strong acids. Powerful oxidizers.
Hazardous decomposition products	To avoid thermal decomposition, do not overheat.

Section 11: Toxicological information**Information on likely routes of exposure**

Inhalation	No adverse effects due to inhalation are expected.
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Skin contact	May be irritating to the skin.
Eye contact	Not classified.
Ingestion	Expected to be a low ingestion hazard.
Symptoms related to the physical, chemical and toxicological characteristics	May be irritating to the skin.

Information on toxicological effects

Acute toxicity Not classified.

Product	Species	Test Results
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Master STAGES™ Whamex XT™

Acute

Oral

ATEmix

1788.220328 mg/kg

Skin corrosion/irritation May be irritating to the skin.

Serious eye damage/eye irritation Not classified.

Respiratory irritation Not available.

Respiratory or skin sensitisation

Respiratory sensitisation Not classified.

Skin sensitisation This product is not expected to cause skin sensitisation.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity Not classifiable as to carcinogenicity to humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

Reproductive toxicity Not classified.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not classified.

Narcotic effects Not available.

Chronic effects None known.

Section 12: Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available.

Mobility in soil No data available for this product.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Section 13: Disposal considerations

Disposal methods Dispose of contents/container in accordance with local/regional/national/international regulations.

Residual waste Dispose of in accordance with local regulations.

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Follow precautions for safe handling described in this safety data sheet.

Special precautions to be taken during disposal Dispose in accordance with all applicable regulations.

Method of disposal that should not be used Review federal, state/provincial, and local government requirements prior to disposal.

Section 14: Transport information

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not available.

Section 15: Regulatory information

Applicable regulations

New Zealand Inventory of Chemicals (NZIoC): Registration status

EDTA Tetrasodium (CAS 64-02-8)

Does not have individual approval but may be used under an appropriate group standard

Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine
(CAS 4719-04-4)

Does not have individual approval but may be used under an appropriate group standard

Section 16: Other information

Issue date 12-August-2025

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Version No. 02

Key abbreviations or acronyms used Not available.

Disclaimer

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