

Safety Data Sheet

Prepared in accordance with Commission Regulation (EU) 2015/830

Revision Date 19-05-2024

Revision Number 11 Amended to include NZ Specific Information Per SDS Notice 2017



SECTION 1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier	100636	
1.2 Relevant identified uses of the substance or mixture and uses advised against	Liquid Activator Automotive repair	
1.3 Details of the supplier of the safety data sheet	ITW Evercoat a division of Illinois Tool Works Inc. 6600 Cornell Road Cincinnati, OH 45242 513-489-7600	Hindin Marquip Ltd 1012 Great South Road Penrose 1061, Auckland New Zealand +64 (0) 9 913 1666
1.4 Emergency telephone number	CHEM TEL: +1-813-248-0591	NZ POISONS: 0800 POISON 0800 764 766

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

Classified in (EC) No.	Skin Corrosion/Irritation Category 1B accordance to Serious Eye Damage/Eye Irritation Category 1 Acute Toxicity - Oral Category 4
1272/2008	

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP] Hazard pictograms



Signal Word Danger

Hazard Statements

H302 - Harmful if swallowed.

H314 - Causes severe skin burns and eye damage.

Precautionary Statements

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

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

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P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P363 - Wash contaminated clothing before reuse.

P270 - Do not eat, drink or smoke when using this product.

Supplemental Hazard information (EU) No data available

2.3 Other hazards No data available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Chemical Name	%	CAS #	(EC) No 1272/2008	M Factor	SCL
Methyl Ethyl Ketone Peroxide	15 - 40	1338-23-4	Acute Tox. 4; H302 Org. Perox. D; H242 Skin Corr. 1B; H314	No data available	No data available
Hydrogen Peroxide	0.1 - 1	7722-84-1	Acute Tox. 4; H332 Acute Tox. 4; H332 Acute Tox. 4; H302 Acute Tox. 4; H332 Ox. Liq. 1; H271 Skin Corr. 1A; H314	No data available	EYE DAM. 1: 8%<50% SKIN CORR. 1A: 70% OX. LIQ. 1: 70% SKIN CORR. 1B: 50%<70% OX. LIQ. 2: 50%<70% EYE IRRIT. 2: 5%<8% SKIN IRRIT. 2: 35%<50% STOT SE 3- H335: 35%
methyl ethyl ketone 7893-3	0.1 - 1	78-93-3	Eye Irrit. 2; H319 Flam. Liq. 2; H225 STOT SE 3; H335, H336 EUH066	No data available	No data available

For full text of H-statements; See Section 16

SECTION 4 First aid measures

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4.1 Description of first aid measures

Inhalation	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately. Get medical attention immediately. Keep the victim warm and quiet. If the victim has stopped breathing open airway, loosen collar and belt, and administer artificial respiration. If breathing is difficult, oxygen may be beneficial if administered by trained personnel, preferably on a doctor's advice.
Eye Contact	Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician. No data available
Skin Contact	Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists. Remove contaminated clothing and continue flushing with water. Wash clothing before reuse.
Ingestion	Do not induce vomiting and seek medical attention immediately. Drink two glasses of water or milk to dilute. Provide medical care provider with this MSDS. Do not induce vomiting unless directed to do so by medical personnel.
Self protection of the first aider	No data available

4.2 Most important symptoms and effects, both acute and delayed

Symptom See Section 4.1

4.3 Indication of any immediate medical attention and special treatment needed

Note to Doctor No additional first aid information available

SECTION 5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water spray or fog may also be effective for extinguishing if swept across the base of the fire. Water can also be used to absorb heat and keep exposed material from being damaged by fire. Carbon dioxide Dry chemical

Unsuitable extinguishing media No data available

5.2 Special hazards arising from the substance or mixture

Fire and/or Explosion Hazards Vapors may be ignited by heat, sparks, flames or other sources of ignition at or above the low flash point giving rise to a Class B fire. Vapors are heavier than air and may travel to a source of ignition and flash back

Hazardous Combustion Products Carbon dioxide, Carbon monoxide, Water, Acetic acid, Hydrocarbons

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5.3 Advice for firefighters

Fire Fighting Methods and Protection

Do not enter fire area without proper protection including self-contained toxic breathing apparatus and full protective equipment. Fight fire from a safe distance and

a protected location due to the potential of hazardous vapors and decomposition products. Flammable component(s) of this material may be lighter than water and burn while floating on the surface. Use water spray/fog for cooling. Use methods for the surrounding fire.

Flammable component(s) of this material may be lighter than water and burn while floating on the surface.

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For Non-emergency Personnel

Non-emergency personnel should be kept clear of the area.

For emergency responders

Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section VIII of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.

6.2 Environmental precautions

No data available

6.3 Methods and material for containment and cleaning up

Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section VIII at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Use an inert absorbent such as sand or vermiculite. Place in properly labeled closed container. Refer to section 13 for disposal information.

6.4 Reference to other sections

SECTION 7 Handling and storage

7.1 Precautions for safe handling

Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Do not get in eyes, on skin and clothing Wash hands before eating Use with adequate ventilation

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7.2 Conditions for safe storage, including any incompatibilities

Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed. Store in a cool dry place Keep away from heat, sparks, and flame Store in a tightly closed container

7.3 Specific end use(s)

Automotive repair

SECTION 8 Exposure controls/personal protection

Occupational Exposure limit values

<u>Chemical Name</u>	<u>NZ WES</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH STEL</u>	<u>IDLH</u>
Methyl Ethyl Ketone Peroxide	0.2 ppm Ceiling 1.5 mg/m ³	0.2 ppm Ceiling	No data available	No data available
methyl ethyl ketone 78-93-3	TWA 150 ppm / 445mg/m ³ STEL 300 ppm /890 mg/m ³	200 ppm	No data available	No data available

8.2 Exposure controls

Appropriate engineering controls

No exposure limits exist for the constituents of this product. Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort.

Individual protection measures, such as personal protective equipment

Eye and face protection

Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available. Wear goggles and a Face shield

Skin Protection

Hand protection

No information available

Other skin protection

Wear protective gloves. Inspect gloves for chemical breakthrough and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield

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Respiratory Protection

Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator. Respiratory protection may be required in addition to ventilation depending upon conditions of use.

Thermal hazards

No data available

Environmental exposure controls

No data available

SECTION 9 Physical and chemical properties 9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour	Clear
Odour	
Odour Threshold	No data available
pH	No data available
Initial boiling point and boiling range (°C)	284
Flash Point (°C)	No data available
Evaporation Rate	No data available
Flammability (Solid, gas)	No data available
Upper/lower flammability or explosive limits	
Upper Flammable/Explosive Limit, % in air	No data available
Lower Flammable/Explosive Limit, % in air	No data available
Vapour Pressure	No data available
Vapour Density	>1
Relative Density	No data available
Solubility(ies)	Low; 10-49%
Partition coefficient: octanol/water	No data available
Autoignition Temperature (°C)	490
Decomposition Temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available
9.2 Other information	No data available

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SECTION 10 Stability and reactivity

10.1 Reactivity	No data available
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No data available
10.4 Conditions to avoid	Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. Visible light Contamination
10.5 Incompatible materials	Strong oxidizing agents; Strong alkalies
10.6 Hazardous decomposition products	Carbon dioxide Carbon monoxide Hydrocarbons

SECTION 11 Toxicological information 11.1 Information on toxicological effects

Acute Toxicity

Chemical Name	CAS Number	Oral LD50	Dermal LD50	Inhalation LC50
Methyl Ethyl Ketone Peroxide	1338-23-4	Oral LD50 Rat 484 mg/kg		Inhalation LC50 (4h) Rat 200 ppm
methyl ethyl ketone 78-93-3	78-93-3	Oral LD50 Rat 2737 mg/kg		Inhalation LC50 (8h) Rat 23500 mg/m3

Classification has been based on toxicological information of the components in Section 3.

Skin corrosion/irritation

pH	No data available
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Classification is based on pH and the components listed in Section 3.

Serious eye damage/irritation

pH	No data available
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Classification is based on pH and the components listed in Section 3.

Respiratory or skin sensitization

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

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Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12 Ecological information

12.1 Toxicity No data available

Ecotoxicity Data

Chemical Name	CAS Number	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No data available				

12.2 Persistence and degradability No data available

12.3 Bioaccumulative potential No data

12.4 Mobility in soil No data available

12.5 Results of PBT and vPvB assessment No data available

12.6 Other adverse effects No data available

12.7 Additional information No data available

SECTION 13 Disposal considerations

13.1 Waste treatment methods

Waste Description for Spent Product Spent or discarded material is a hazardous waste.

Disposal Methods Dispose of by incineration following Federal, State, Local, or Provincial regulations.

Waste Disposal Code(s) (European Waste Catalogue) No data available

SECTION 14 Transport information

Ground:

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14.1 UN number: UN3105
14.2 UN proper shipping name: ORGANIC PEROXIDE TYPE D, LIQUID (METHYL ETHYL KETONE PEROXIDE <=45%) 5.2
14.3 Transport hazard class(es): 5.2
14.4 Packing group: II

Air:

14.1 UN number: UN3105
14.2 UN proper shipping name: ORGANIC PEROXIDE TYPE D, LIQUID (METHYL ETHYL KETONE PEROXIDE <=45%) 5.2
14.3 Transport hazard class(es): 5.2
14.4 Packing group: II

Water:

14.1 UN number: UN3105
14.2 UN proper shipping name: ORGANIC PEROXIDE TYPE D, LIQUID (METHYL ETHYL KETONE PEROXIDE <=45%) 5.2
14.3 Transport hazard class(es): 5.2
14.4 Packing group: II

14.5 Environmental hazards: No

14.6 Special precautions for user: No data available

14.7 Transport in bulk according to Annex II of MARPOL and the IBC No data available

Code:

SECTION 15 Regulatory information 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

<u>Chemical Name</u>	<u>EINECS</u>	<u>SVHC</u>
Methyl Ethyl Ketone Peroxide	Y	N
methyl ethyl ketone 78-93-3	Y	N
Hydrogen Peroxide	Y	N

15.2 Chemical safety assessment No data available

New Zealand Regulations: Surface Coatings and Colorants (Corrosive) Group Standard 2020 HSR002658

SECTION 16 Other information

SDS Abbreviations: No data available

References: No data available

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Hazard phrase(s) referenced in section 3

H225 - Highly flammable liquid and vapour.
H242 - Heating may cause a fire.
H271 - May cause fire or explosion; strong oxidiser.
H302 - Harmful if swallowed.
H314 - Causes severe skin burns and eye damage.
H319 - Causes serious eye irritation.
H332 - Harmful if inhaled.
H336 - May cause drowsiness or dizziness.

Precautionary Statements

Prevention

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P264 - Wash thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face

Response

protection.
P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a poison center/doctor/....
P321 - Specific treatment (see on this label).
P330 - Rinse mouth.
P363 - Wash contaminated clothing before reuse.
P405 - Store locked up.
P501 - Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

Storage

Disposal

NOTICE: The information accumulated herein is believed to be correct as of the date issued from sources, which are believed to be accurate and reliable. Since it is not possible to anticipate all circumstances of use, recipients are advised to confirm, in advance of need, that the information is current, applicable and suitable to their circumstances

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Haztec 2018 Ltd has amended the supplied SDS only to include NZ Specific Contact Information, Workplace Exposure Standard Values and Group Standard Assigned to (Revision Date amended) and takes no responsibility for any other data in this SDS.

END DATA SAFETY SHEET