

SAFETY DATA SHEET



MASTER DEGREASER

OMIKRON AUTO DETAILING PRODUCTS

Product code: MASDEG

Version No: 1.0.1

Issue date: 20/05/2025

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Identifier

Product name	MASTER DEGREASER
Product code	MASDEG
Pack size	250ml / 1L / 5L / 20L / 200L / 1000L
UN proper shipping name	CORROSIVE LIQUID N.O.S. (contains sodium hydroxide and potassium hydroxide)

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	Heavy duty water based cleaner and degreaser.
--------------------------	---

Details of the supplier of the safety data sheet

Registered company name	OMIKRON AUTO DETAILING PRODUCTS	SIME DARBY TRANSPORT (NZ) LIMITED Trading as TWL
Address	12 McPherson Rd, Smeaton Grange, NSW, 2567	920 Halswell Junction Road, Christchurch 8042 New Zealand
Telephone	(02) 9824 5966	0508 677 704
Website	www.omikron.com.au	www.twlnz.co.nz
Email	sales@omikron.com.au	

Emergency telephone number

Association / Organisation	National Poisons Centre
Emergency telephone numbers	0800-764-766 / (0800 POISON)
Other emergency telephone numbers	Not Available

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

HAZARDOUS CHEMICAL - DANGEROUS GOODS. According to the Model WHS Regulations and the ADG Code.

Poisons Schedule	6
GHS Classification	Skin Corrosion/Irritation Category 1B, Serious Eye Damage Category 1
	Classification drawn from HCIS, CCID and ECHA C&L Inventory.

Label elements

Hazard pictograms	
-------------------	--

SIGNAL WORD	DANGER
-------------	--------

Hazard statement(s)

H314	Causes severe skin burns and eye damage
------	---

Precautionary statement(s) Prevention

P260	Do not breathe mist / vapours / spray.
P280	Wear protective gloves / protective clothing / eye protection / face protection.
P264	Wash contaminated skin thoroughly after handling

Precautionary statement(s) Response

P301+P310+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.
P303+P310+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor.
P305+P310+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
P304+P310+P340	IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor.
P363	Wash contaminated clothing before reuse.

Precautionary statement(s) Storage

P405	Store locked up
-------------	-----------------

Precautionary statement(s) Disposal

P501	Dispose of contents / container in accordance with local regulations
-------------	--

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**Substances**

See section below for composition of Mixtures.

Mixtures

CAS No	%[weight]	Name
1310-58-3	<10	<u>potassium hydroxide</u>
1310-73-2	<10	<u>sodium hydroxide</u>
111-76-2	<10	<u>ethylene glycol monobutyl ether</u>
Trade secret	<10	<u>proprietary nonionic surfactant</u>

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4 FIRST AID MEASURES**Description of first aid measures**

Eye Contact	<p>If this product comes in contact with the eyes:</p> <p>Seek medical advice / attention without delay.</p> <p>Immediately hold eyelids apart and flush the eye continuously with running water.</p> <p>Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.</p> <p>Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.</p> <p>If necessary, transport to hospital or doctor without delay.</p> <p>Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</p>
Skin Contact	<p>If skin or hair contact occurs:</p> <p>Seek medical advice / attention without delay.</p> <p>Immediately flush body and clothes with large amounts of water, using safety shower if available.</p> <p>Quickly remove all contaminated clothing, including footwear.</p> <p>Wash skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre.</p> <p>If necessary, transport to hospital, or doctor.</p>
Inhalation	<p>If fumes or combustion products are inhaled remove from contaminated area.</p> <p>Lay patient down. Keep warm and rested.</p> <p>Seek medical advice / attention without delay.</p> <p>Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.</p> <p>Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.</p> <p>If necessary, transport to hospital, or doctor, without delay.</p>
Ingestion	<p>For advice, contact a Poisons Information Centre or a doctor at once.</p> <p>Urgent hospital treatment is likely to be needed.</p> <p>If swallowed do NOT induce vomiting.</p> <p>If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.</p> <p>Observe the patient carefully.</p> <p>Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.</p> <p>Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.</p> <p>Transport to hospital or doctor without delay.</p>

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 FIREFIGHTING MEASURES**Extinguishing media**

Extinguishing media	<p>There is no restriction on the type of extinguisher that may be used.</p> <p>Use extinguisher that is suitable for the surrounding area</p>
----------------------------	--

Special hazards arising from the substrate or mixture.

Fire incompatibilities	Avoid contamination with oxidising agents and strong acids.
-------------------------------	---

Advice for firefighters

Fire Fighting	Alert Fire Brigade and tell them location and nature of hazard. Wear breathing apparatus plus protective gloves in the event of a fire. Prevent, by any means available, spillage from entering drains or water courses. Use firefighting procedures suitable for surrounding area. DO NOT approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire. Equipment should be thoroughly decontaminated after use.
Fire/Explosion Hazard	Combustion may release toxic fumes of carbon dioxide (CO ₂), hydrogen chloride, phosgene, nitrogen oxides (NO _x), and other pyrolysis products typical of burning organic material May emit corrosive fumes.
HAZCHEM	2R

SECTION 6 ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Minor Spills	Clean up all spills immediately. Avoid breathing vapours/ aerosols/ or dusts and avoid contact with skin and eyes. Control personal contact with the substance, by using protective equipment. Contain and absorb spill with sand, earth, inert material or vermiculite. Place in a suitable, labelled container for waste disposal.
Major Spills	Wear breathing apparatus plus protective gloves. Prevent, by any means available, spillage from entering drains or water course. Stop leak if safe to do so. Absorb on sand, dirt, vermiculite or similar absorbent material. Place into labelled drums and dispose of according to local government regulations. Immediately notify emergency services (Police or Fire Brigade) if the spill is too large for you to safely and effectively handle.
PPE	Personal protective equipment advice is contained in Section 8 of this SDS

SECTION 7 HANDLING AND STORAGE**Precautions for safe handling**

Safe handling	DO NOT allow clothing wet with material to stay in contact with skin Avoid all personal contact. Wear protective clothing when risk of exposure occurs. Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers securely sealed when not in use. Avoid physical damage to containers.
Other information	

Conditions for safe storage, including any incompatibilities.

Suitable containers	Do not use aluminium or galvanised containers. Plastic pail Packaging as recommended by the manufacturer
Storage incompatibility	Check all containers are clearly labelled and free from leaks. Avoid strong acids Avoid reaction with oxidising agents.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**Control parameters****OCCUPATIONAL EXPOSURE LIMITS (OEL)****INGREDIENT DATA**


Source	Ingredient	Material name	TWA	STEL	Peak	Notes
EH40/2005 Workplace Exposure Limits	sodium hydroxide	Sodium hydroxide	Not Available	Not Available	2 mg/m ³	Not Available
EH40/2005 Workplace Exposure Limits	ethylene glycol monobutyl ether	Butoxyethanol, 2-;	20 ppm / 96.9 mg/m ³	242 mg/m ³ / 50 ppm	Not Available	Not Available
EH40/2005 Workplace Exposure Limits	potassium hydroxide	Potassium hydroxide	2 Peak limitation	Not Available	Not Available	Not Available

EMERGENCY LIMITS

Ingredient	Material name	TEEL-1	TEEL-2	TEEL-3
sodium hydroxide	Sodium hydroxide	Not Available	Not Available	Not Available
ethylene glycol monobutyl ether	Butoxyethanol, 2-; (Glycol ether EB)	60 ppm	120 ppm	700 ppm
potassium hydroxide	Potassium hydroxide	0.18 mg/m ³	2 mg/m ³	54 mg/m ³

Ingredient	Original IDLH	Revised IDLH
sodium hydroxide	10 mg/m ³	Not Available
ethylene glycol monobutyl ether	Not Available	Not Available
potassium hydroxide	Not Available	Not Available

Exposure controls

Appropriate engineering controls	Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate. If ventilation is poor, then the use of a local exhaust ventilation system is recommended.
Personal protection	
Eye and face protection	Chemical goggles. Full face shield may be required for supplementary but never for primary protection of eyes. Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly.
Skin protection	See Hand protection below
Hands/feet protection	Elbow length chemical gloves. Butyl, PE/EVAL/PE or Saranex 23 are recommended for this application.
Body protection	Overalls When handling corrosive liquids, it is good practice to wear overall legs outside of boots to prevent liquids entering boots.
Other protection	P.V.C. apron. Barrier cream. Skin cleansing cream. Eye wash unit.
Thermal hazards	Not Available

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Appearance	Dark brown liquid		
Physical state	Liquid	Relative density (Water = 1)	Not Available
Odour	Pine	Molecular weight (g/mol)	Not Available
Odour threshold	Not Available	Auto-ignition temperature(°C)	Not Applicable
pH (as supplied)	>12	Decomposition temperature	Not Available
Melting point / freezing point (°C)	Not Available	Surface Tension (dyn/cm or mN/m)	Not Available
Initial boiling point and boiling range (°C)	100	Partition coefficient n-octanol /water	Not Available
Flash point (°C)	Not Applicable	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Not Flammable	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Applicable	Viscosity (cSt)	Not Available
Lower Explosive Limit(%)	Not Applicable	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water (g/L)	Miscible	pH as a solution (1%)	Not Available
Vapour density (Air = 1)	Not Available	VOC g/L	Not Available

SECTION 10 STABILITY AND REACTIVITY

Reactivity	See section 7
Chemical stability	Product is considered stable and hazardous polymerisation will not occur.
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

SECTION 11 TOXICOLOGICAL INFORMATION**Information on toxicological effects**

Inhaled	The material can cause respiratory irritation in some persons. The body's response to such irritation can cause further lung damage cause further lung damage.
Ingestion	The material can produce chemical burns within the oral cavity and gastrointestinal tract following ingestion.
Skin Contact	The material can produce chemical burns following direct contact with the skin. Open cuts, abraded or irritated skin should not be exposed to this material. Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected.
Eye	The material can produce chemical burns to the eye following direct contact. Vapours or mists may be extremely irritating. If applied to the eyes, this material causes severe eye damage.
Chronic	No available data

Toxicological effects of ingredients

ethylene glycol monobutyl ether	Acute toxicity	Oral LD50 (guinea pig) 1414 mg/kg Dermal LD50 (guinea pig) >2000 mg/kg Inhalation LC0 >3.1 mg/l>641 ppm 1h
	Skin corrosion/irritation	Causes skin irritation.
	Eye damage/irritation	Causes serious eye irritation.
	Respiratory/skin sensitization	Not classified No study available.
	Germ cell mutagenicity	Not classified
	Carcinogenicity	Not classified
	Reproductive toxicity	Not classified
	STOT (single exposure)	High concentrations may cause central nervous system depression
	STOT (repeated exposure)	Based on repeated exposure toxicity values, not classified
	Aspiration toxicity	Based on physico-chemical values or lack of human evidence,not classified
potassium hydroxide	Acute toxicity	Oral LD50 (rat): 273 mg/kg.
	Skin corrosion/irritation	Contact with skin will result in severe irritation. Corrosive to skin
	Eye damage/irritation	A severe eye irritant. Corrosive to eyes; contact can cause corneal burns Contamination of eyes can result in permanent injury
	Respiratory/skin sensitization	Data not available.
	Germ cell mutagenicity	Not expected to be mutagenic
	Carcinogenicity	Not expected to be carcinogenic.
	Reproductive toxicity	Data not available.
	STOT (single exposure)	Breathing in dust may result in respiratory irritation
	STOT (repeated exposure)	Data not available.
	Aspiration toxicity	Data not available.
sodium hydroxide	Acute toxicity	Data not available
	Skin corrosion/irritation	Contact with skin will result in severe irritation. Corrosive to skin - may cause skin burns.
	Eye damage/irritation	A severe eye irritant. Corrosive to eyes; contact can cause corneal burns.
	Respiratory/skin sensitization	Not expected to be a sensitizer
	Germ cell mutagenicity	No expected to be mutagenic
	Carcinogenicity	Not expected to be carcinogenic
	Reproductive toxicity	Data not available
	STOT (single exposure)	May cause irritation to respiratory system
	STOT (repeated exposure)	Data not available
	Aspiration toxicity	Not considered an aspiration hazard
proprietary nonionic surfactant	Acute toxicity	May be harmful if swallowed. Swallowing may result in irritation of the gastrointestinal tract.
	Skin corrosion/irritation	Irritating
	Eye damage/irritation	Causes serious eye damage.
	Respiratory/skin sensitization	No available data.
	Germ cell mutagenicity	No available data.
	Carcinogenicity	No available data.
	Reproductive toxicity	No available data.
	STOT (single exposure)	Breathing in mists or aerosols may produce respiratory irritation.
	STOT (repeated exposure)	No available data.
	Aspiration toxicity	No available data.

12 ECOLOGICAL INFORMATION**Toxicity**

	Endpoint	Duration (Hr.)	Species	Value
ethylene glycol monobutyl ether	LC50	96	Fish	1250-mg/L
	EC50	48	Crustacea	164mg/L
	EC50	72	Algae or other aquatic plants	623mg/L
	NOEL	336	Not Available	49.50000-mg/L
potassium hydroxide	LC50	96	Fish	80mg/L
	NOEC	24	Fish	28mg/L

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
ethylene glycol monobutyl ether	LOW (Half-life = 56 days)	LOW (Half-life = 1.37 days)

Bio accumulative potential

Ingredient	Bioaccumulation
ethylene glycol monobutyl ether	LOW (BCF = 2.51)

Mobility in soil

Ingredient	Mobility
ethylene glycol monobutyl ether	HIGH (KOC = 1)

SECTION 13 DISPOSAL CONSIDERATIONS**Waste treatment methods**

Disposal of product / packaging	Recycle containers whenever possible. Product residues and containers should be disposed of in accordance with local government regulations
--	--

SECTION 14 TRANSPORT INFORMATION**Labels Required**

	
Marine Pollutant	NO
HAZCHEM	2R

Land transport (ADG):

UN Number	1760	
UN proper shipping name	CORROSIVE LIQUID N.O.S. (contains sodium hydroxide and potassium hydroxide)	
Transport hazard class(es)	Class	8
	Sub risk	Not applicable
Packing group	II	
Environmental Hazard	Not applicable	
Special precautions for user	Special provisions	274
	Limited quantity	1L
Health and Safety at Work (Hazardous Substances Regulations 2017)	Must not be carried on a passenger vehicle	

SECTION 15 REGULATORY INFORMATION**Safety, health and environmental regulations / legislation specific for the substance or mixture****ETHYLENE GLYCOL MONOBUTYL ETHER IS FOUND ON THE FOLLOWING REGULATORY LISTS**

New Zealand Inventory of Chemicals (NZIoC)
Chemical Classification and Information Database (CCID)
Approved hazardous substances with controls
Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 5
International Agency for Research on Cancer (IARC) – Agents classified by AIRC monographs

POTASSIUM HYDROXIDE IS FOUND ON THE FOLLOWING REGULATORY LISTS

New Zealand Inventory of Chemicals (NZIoC)
Chemical Classification and Information Database (CCID)
Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 5
Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 6
Approved hazardous substances with controls

SODIUM HYDROXIDE IS FOUND ON THE FOLLOWING REGULATORY LISTS

New Zealand Inventory of Chemicals (NZIoC)
Chemical Classification and Information Database (CCID)
Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 5
Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 6
Approved hazardous substances with controls

PROPRIETARY SURFACTANT IS FOUND ON THE FOLLOWING REGULATORY LISTS

New Zealand Inventory of Chemicals (NZIoC)
Chemical Classification and Information Database (CCID)

NEW ZEALAND HSNO ACT 1996

Substance approval - Cleaning Products Corrosive Group Standard 2020 HSR002526

SECTION 16 OTHER INFORMATION**Revision Schedule**

Revision Date	Not applicable
Initial Date	20/05/2025

SDS Version Summary

Version	Issue Date	Sections Updated
1.0	15/05/2025	All sections originated
1.01	20/05/2025	NZ Version

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources such as the ECHA C&L Chemical Inventory, HSNO (CCID) New Zealand, NICNAS and HCIS Australia

DISCLAIMER: While the information in this Safety Data Sheet (SDS) is believed to be true and accurate based on the current level of knowledge available to us, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the control of OMIKRON AUTO DETAILING PRODUCTS and therefore the users are responsible to verify this data under their own particular conditions of use, applications and regulations to determine whether the product is suitable for their particular purpose and they assume all risks of their use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures, or processes

Definitions and abbreviations

PC-TWA;	Permissible Concentration-Time Weighted Average
PC-STEL:	Permissible Concentration-Short Term Exposure Limit
IARC:	International Agency for Research on Cancer
ACGIH:	American Conference of Government Industrial Hygienists
STEL:	Short Term Exposure Limit
TEEL:	Temporary Emergency Exposure Limit
IDLH:	Immediate Danger to Life or Health Concentrations
OSF:	Odour Safety Factor
NOAEL:	No Observed Effects Level
TLV:	Threshold Limit Value
LOD:	Limit of Detection
OTV:	Odour Threshold Value
BCF:	Bio Concentration Factors
BEI:	Biological Exposure Index

This document is copyright.

Apart from any fair dealing for the purposes of private study, research, review or criticism, as permitted under the Copyright Act, no part may be reproduced by any process without written permission from OMIKRON AUTO DETAILING PRODUCTS.

End of SDS