

SAFETY DATA SHEET



POLISHING COMPOUND

ACTICHEM PTY LTD

Product code: AP182

Version No: 1.3

Issue date: 22/07/2025

Safety Data Sheet according to WHS and ADG requirements

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

Product Identifier

Product name	POLISHING COMPOUND
Product code	AP182
Pack sizes	1 kg and 10 lbs. (4.54 kg)

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

Relevant identified uses	Floor care product for industrial and professional use
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Details of the supplier of the safety data sheet

Registered company name	ACTICHEM PTY LTD
Address	11 Gamma Close, Beresfield 2322 NSW Australia
Telephone	(02) 4966 5516
Website	www.actichem.com.au
Email	info@actichem.com.au

Emergency telephone number

Association / Organisation	Poisons Information Centre
Emergency telephone numbers	13 11 26
Other emergency telephone numbers	Not Available

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

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

Poisons Schedule	Not applicable
GHS Classification	Skin Corrosion/Irritation Category 2, Serious Eye Damage Category 1, Acute Toxicity (Oral) Category 4, STOT (Single Exposure) Category 3, STOT (Repeated exposure) Category 2. <i>Classification drawn from HCIS and ECHA C&L Inventory and supplier's SDSs..</i>

Label elements

Hazard pictograms	 
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SIGNAL WORD	DANGER
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Hazard statement(s)

H318	Causes serious eye damage.
H315	Causes skin irritation.
H302	Harmful if swallowed.
H335	May cause respiratory irritation
H373	May cause damage to kidneys through prolonged or repeated exposure.

Precautionary statement(s) Prevention

P260	Do not breathe dust
P280	Wear protective gloves / protective clothing / eye protection / face protection.
P264	Wash contaminated skin thoroughly after handling
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area

Precautionary statement(s) Response

P301+P330+P312	IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P312+P340	IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor if you feel unwell.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.

Precautionary statement(s) Storage

P405+P403	Store locked up in a well-ventilated place
P233	Keep container tightly closed.

Precautionary statement(s) Disposal

P501	Dispose of content / container in accordance with local regulations
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SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name
127-95-7	>60	Potassium hydrogen oxalate
1344-28-1	10-30	Aluminium oxide
68783-56-2	<10	Fatty acids, vegetable oil with ethanolamine

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	If this product comes in contact with the eyes: Seek medical advice / attention without delay. Immediately hold eyelids apart and flush the eye continuously with running water. 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. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. If necessary, transport to hospital or doctor without delay. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	If skin contact occurs: Quickly remove all contaminated clothing, including footwear. Wash skin thoroughly with soap and water. If skin irritation persists, seek medical advice/attention
Inhalation	Remove to fresh air. Treat symptomatically. Seek medical advice/attention if feeling unwell
Ingestion	For advice, contact a Poisons Information Centre or a doctor immediately. If swallowed do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness, i.e. becoming unconscious. If available, give patient several antacid tablets or several tablespoons of milk of magnesia. Transport to hospital or doctor without delay.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Symptoms may be delayed.

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media

Extinguishing media	There is no restriction on the type of media that may be used. Use media suitable for the surrounding environment
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Special hazards arising from the substrate or mixture.

Fire incompatibilities	Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleach, pool chlorine etc. as ignition may result
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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	Not flammable or combustible
HAZCHEM	Not applicable

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 contaminated 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. Wash hands thoroughly after handling Keep containers securely sealed when not in use. Avoid physical damage to containers.
Other information	

Conditions for safe storage, including any incompatibilities.

Suitable containers	Packing as recommended by manufacturer. Check all containers are clearly labelled and free from leaks. DO NOT use aluminium or galvanised containers Plastic pail.
Storage incompatibility	Strong oxidising agents, peroxides, caustics, metals.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Australia Exposure Standards	Aluminium oxide	Aluminium oxide	10 mg/m3	Not available	Not available	Not available

Exposure controls

Appropriate engineering controls	Maintain adequate ventilation at all times. Maintain air concentrations below occupational exposure standards. 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.
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	Opaque, amber paste		
Physical state	Paste	Relative density (Water = 1)	1.4 – 1.8
Odour	Citrus	Molecular weight (g/mol)	Not Available
Odour threshold	Not Available	Auto-ignition temperature(°C)	Not Applicable
pH (as supplied)	Not Applicable	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)	Slightly soluble	pH as a solution (1%)	1.5 -2.5
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	Strong oxidising agents. Peroxides. Caustics. Metals
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.
Ingestion	Ingestion of acidic corrosives may produce burns around and in the mouth, the throat and oesophagus. Immediate pain and difficulties in swallowing and speaking may also be evident.
Skin Contact	The material can cause severe irritation when in 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	If applied to the eyes, this material causes severe eye damage.
Chronic	Long-term exposure to respiratory irritants may result in disease of the airways involving difficult breathing and related systemic problems. Prolonged or repeated exposure may result in kidney damage.

Toxicological effects of ingredients

Potassium hydrogen oxalate	Acute toxicity	Oral LD50 375 mg/kg Dermal LD50 20000 mg/kg
	Skin corrosion/irritation	Severe irritation
	Eye damage/irritation	Severe eye damage
	Respiratory/skin sensitization	Not sensitising
	Germ cell mutagenicity	No adverse effect observed
	Carcinogenicity	No data available
	Reproductive toxicity	Not toxic to reproduction
	STOT (single exposure)	May cause respiratory irritation
	STOT (repeated exposure)	May cause damage to kidneys through prolonged or repeated exposure.
	Aspiration toxicity	No data available
Aluminium oxide	Acute toxicity	Oral LD50 (rat) >5000 mg/kg
	Skin corrosion/irritation	No data available
	Eye damage/irritation	No data available
	Respiratory/skin sensitization	No data available
	Germ cell mutagenicity	Classification not possible due to lack of data
	Carcinogenicity	Classification not possible due to lack of data
	Reproductive toxicity	Classification not possible due to lack of data
	STOT (single exposure)	Respiratory irritant.
	STOT (repeated exposure)	Can cause damage (lung)
	Aspiration toxicity	No data available
Fatty acids, vegetable oil, compounds with ethanolamine.	Acute toxicity	No data available
	Skin corrosion/irritation	No data available
	Eye damage/irritation	No data available
	Respiratory/skin sensitization	No data available
	Germ cell mutagenicity	No data available
	Carcinogenicity	No data available
	Reproductive toxicity	No data available
	STOT (single exposure)	No data available
	STOT (repeated exposure)	No data available
	Aspiration toxicity	No data available

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

	Endpoint	Duration (Hr.)	Species	Value
Potassium glycol oxalate	LC50	48	Daphnia	137 mg/L

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
	No data available for all ingredients.	No data available for all ingredients.

Bio accumulative potential

Ingredient	Bioaccumulation
	No data available for all ingredients.

Mobility in soil

Ingredient	Mobility
	No data available for all ingredients.

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Product / packaging disposal	Recycle containers whenever possible. Product residues and containers should be disposed of in accordance with local government regulations
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SECTION 14 TRANSPORT INFORMATION

Labels Required

Marine Pollutant	NO
HAZCHEM	Not Applicable

Land transport (Not Applicable): **NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS**

SECTION 15 REGULATORY INFORMATION

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

POTASSIUM HYDROGEN OXALATE IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australian Inventory of Industrial Chemicals (AIIC)
Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals

ALUMINIUM OXIDE IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australian Inventory of Industrial Chemicals (AIIC)

SECTION 16 OTHER INFORMATION

Revision Schedule

Revision Date	28/04/2022
Initial Date	18/06/2021

SDS Version Summary

Version	Issue Date	Sections Updated
1.1	18/06/2021	All sections originated
1.2	28/04/2022	Section 11
1.3	22/07/2025	Section 3, 8, 11, 12, 15.

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, AICIS and HCIS Australia

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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

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End of SDS