

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **Plastic Cleaner and Polish**
 Product Code: PLC
 Product Use: Clean and Polish for Plastic
 Restriction of use: Refer to Section 15

New Zealand Supplier: **Glasscorp Limited**
 Address: **124 Bush Road
 Albany
 Auckland
 New Zealand**

Telephone: 09 415 6338
 Fax Number: 09 415 6339
 Website: www.glasscorp.co.nz

Emergency Telephone: 09 415 6338 or 0800 764 766 (National Poison Line)

Glasscorp date of issue: 21 July 2020

Section 2. Hazards Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

EPA Approval Code: Cleaning Products (subsidiary) – HSR002530

Pictograms:



Chronic

Signal Word: **DANGER**

HSNO Classes	Hazard Code	Hazard Statement	GHS Category
6.1E (asp)	H304	May be fatal if swallowed and enters airways.	Asp. Tox. 1
6.9B	H373	May cause damage to organs through prolonged or repeated exposure.	STOT RE 2

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P260	Do not breathe fumes, vapours or spray.

Response code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P314	Get medical advice/attention if you feel unwell.
P331	Do NOT induce vomiting.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Storage Code	Storage Statement
P405	Store locked up.

Disposal Code	Disposal Statement
P501	Triple rinse and dispose of according to local regulations

Section 3. Composition / Information on Ingredients

Hazardous Ingredients	Cas Number	Weight
Alumina	66402-68-4	2-10%
Solvent 142	64742-47-8	5-10%
Siloxane	69430-37-1	2-5%
Emulsifier	68649-00-3	215%
Wax Emulsion	68649-00-3	1-3%
Water	7732-18-5	To bal
Balance of other ingredients is less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).		

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation persists.
If on Skin	If product contacts skin, wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.
If Swallowed	If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.
If Inhaled	If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms:	
Swallowed:	May be fatal if swallowed and enters airways (aspiration hazard). May be harmful if swallowed with digestive tract irritation, diarrhea and vomiting.
Inhaled:	Inhalation of fumes/vapors may cause irritation to respiratory system
Eyes & Skin:	Exposure to this product may cause irritation to skin and eyes.
Notes to Doctor:	Treat symptoms and eliminate overexposure.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable
Hazards from products	Carbon dioxide, carbon monoxide and phosphorous compounds.
Suitable Extinguishing media	Use halon, carbon dioxide, dry chemical, any C class, foam and water spray.
Precautions for firefighters and special protective clothing	Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.
HAZCHEM CODE	None allocated

Section 6. Accidental Release Measures

Equipment and emergency procedures

Wear PPE as detailed in Section 8. Evacuate personnel to safe areas.

Environmental precautions

Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils.

Methods and materials for containment and cleaning up

Soak up with absorbent material such as clay, sand or other suitable non-reactive material. Place in leak-proof containers. Seal tightly for proper disposal. Dispose of according to Section 13.

Section 7. Handling and Storage

Precautions for safe handling:

- Keep out of reach of children.
- Read label before use.
- Do not breathe fumes, vapours or spray.
- To prevent skin and eye contact under the foreseeable conditions of use, wear appropriate protective clothing and safety eyewear.
- When handling, do not eat, drink, or smoke.
- Wash thoroughly after handling.
- Handle in a well-ventilated work area.

Precautions for safe storage:

- Keep out of reach of children.
- Store away from incompatible materials listed in Section 10.
- Store locked up.
- Keep in cool, dry, well-ventilated area in closed containers.
- Protect containers from physical damage.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA ppm	mg/m ³	STEL ppm	mg/m ³
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No ingredients have exposure limits

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices NOV 2019 11TH EDITION

Engineering Controls:

Use with adequate ventilation to ensure exposure levels are maintained.

Personal Protection Equipment



Eyes	Safety glasses or goggles are required where splashing is possible.
Hands and Skin	Chemical resistant gloves are required to prevent skin contact. Use body protect appropriate to task being performed. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employees feet may be exposed to electrical hazards, use foot protection.
Respiratory	Not normally required when using this product.
General	When using do not eat, drink or smoke, Wash hands before eating, drinking or smoking, Avoid contact with skin, eyes or clothing. Eyewash/safety shower are always advisable when working with chemicals.

Section 9 Physical and Chemical Properties

Appearance	Brown liquid
Odour	Characteristic
Odour Threshold	Not available
pH	Not available
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	Not available
Flammability	Not available
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Density	Not available
Specific Gravity (23°C, water, 1)	Not available
Soluble in water	Not available
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available
Solid content (%)	Not available
VOC % by weight	10
Evaporation Rate	Not available

Section 10. Stability and Reactivity

Stability of Substance	Stable under conditions of normal storage and use.
Possibility of hazardous	None known.

reactions:	
Conditions to Avoid	None known.
Incompatible Materials	None known.
Hazardous Decomposition Products	Carbon dioxide, carbon monoxide and phosphorous compounds.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Not applicable.
Skin	Not applicable.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	May be fatal if swallowed and enters airways.
STOT/SE	Not applicable.
STOT/RE	May cause damage to organs (respiratory system) through repeated or prolonged exposure.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Mineral Oil (64742-58-1)	>2000 mg/kg (rat)	>4480 mg/kg (rat)	-
Petroleum Distillate	>5250 mg/kg (rat)	>2000mg/kg (rat)	-

Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

Product:	
Persistence and degradability	No specific data available on this product.
Bioaccumulation	No specific data available on this product.
Mobility in Soil	No specific data available on this product.
Other adverse effects	No specific data available on this product. All work practices must be aimed at eliminating environmental contamination.

The following are aquatic toxic data for some components of this product.

Petroleum Distillate (64742-47-8):

LC50 – Fish 48 hours = 2.9 mg/L

EC50 – Water Flea 48 hours = 1.4 mg/L

Section 13. Disposal Considerations

Disposal Method:

Triple rinse and dispose according to Local Regulations.

Precautions or methods to avoid: None known.

Section 14 Transport Information

This product is NOT classified as a Dangerous Good for transport in NZ; NZS 5433:2012

Section 15 Regulatory Information

EPA Approval Code: Cleaning Products (subsidiary) – HSR002530

HSNO Classification: 6.1E(Asp), 6.9B

HSW (HS) Regulations 2017	Trigger Quantity
Certified Handlers	Not required
Location Certificate	Not required
Signage Trigger Quantities (Schedule 3)	Not required
Emergency Response Plan (Schedule 5)	Not required
Secondary Containment (Schedule 5)	Not required
Tracking (Schedule 26)	Not required
Restriction of use	Only for intended use.

Section 16 Other Information

Glossary

AWC	Aggregate water capacity.
EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2017 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

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