

1. Product and company identification

Product name Stone & Wood cleaner
Product code 590 66 12-01 (2,5L)
Supplier Husqvarna New Zealand Ltd
Address 51 Aintree Avenue, Mangere, Auckland 2022
Country New Zealand
Telephone +64 9 920 2410
Contact person Richard Cuthbert
E-mail richard.cuthbert@husqvarnagroup.com
Emergency Contact the Poisons Information Centre; phone 0800 764 766

Recommended use and Limitations on use

Recommended use General purpose cleaner. Degreaser.
Limitations on use None known.

2. Hazards identification

GHS classification

Physical hazards Not classified.
Health hazards Skin corrosion/irritation Category 3
 Serious eye damage/eye irritation Category 2
Environmental hazards Hazardous to the aquatic environment, acute hazard Category 3

Label elements

Symbols



Signal word

Warning

Hazard statement

Causes mild skin irritation. Causes serious eye irritation. Harmful to aquatic life.

Precautionary statements

Prevention Keep out of reach of children. Wear eye protection. Avoid release to the environment.
Response If medical advice is needed, have product container or label at hand. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.
Storage Not assigned.
Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental information

None.

3. Composition/information on ingredients

Substance or mixture Mixture

Chemical property	CAS Number	Concentration (%)
Alcohols, C10-C16, ethoxylated, sulfates, sodium salts	68585-34-2	1 - <3
Fatty alcohol ethoxylated	69011-36-5	1 - <3
Paraffin oils, chlorosulfonated, saponified	68188-18-1	1 - <3
Sodium gluconate	527-07-1	1 - <3
5-Chloro-2-methyl-2,3-dihydroisothiazol-3-one and 2-Methyl-2,3-dihydroisothiazol-3-one (3:1)	55965-84-9	<0.00015

4. First aid measures

Inhalation

Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Potential delayed effects	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Mild skin irritation.
Personal protection for first-aid responders	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
Notes to physician	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

5. Fire-fighting measures

Extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Extinguishing media to avoid	Do not use water jet as an extinguisher, as this will spread the fire.
HAZCHEM Code Number	None.
Specific hazards during fire fighting	During fire, gases hazardous to health may be formed.
Special fire fighting procedures	Move containers from fire area if you can do so without risk.
Protection of fire-fighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Hazards from combustion products	Carbon monoxide and carbon dioxide. Unidentified organic compounds.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Environmental precautions	Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.
Spill cleanup methods	<p>This product is miscible in water. Prevent product from entering drains.</p> <p>Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.</p>

7. Handling and storage

Handling	
Precautions	Avoid contact with eyes, skin, and clothing. Avoid release to the environment.
Safe handling advice	Observe good industrial hygiene practices. Use personal protection recommended in Section 8 of the SDS.
Prevention of fire and explosion	No specific recommendations.
Local and general ventilation	Provide adequate ventilation.
Storage	
Suitable storage conditions	Keep container tightly closed. Store away from incompatible materials (see Section 10 of the SDS).
Incompatible materials	For further information, please refer to section 10.
Safe packaging materials	Store in original tightly closed container.

8. Exposure controls/personal protection

Workplace exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).

Engineering controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.
Personal protective equipment	
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Hand protection	Wear appropriate chemical resistant gloves.
Skin protection	Wear suitable protective clothing.
Eye/face protection	Wear safety glasses with side shields (or goggles).
Radioactive or thermal hazards	Follow standard monitoring procedures.
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.

9. Physical and chemical properties

Appearance

Physical state	Liquid.
Form	Liquid.
Colour	Yellowish.
Odour	Characteristic.
Odour threshold	Not available.
pH	8
Melting point/freezing point	Not available.
Boiling point, initial boiling point, and boiling range	Not available.
Flash point	Not available.
Auto-ignition temperature	Not available.
Flammability (solid, gas)	Not applicable.
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Evaporation rate	Not available.
Relative density	Not available.
Density	1.01 g/cm ³
Solubility(ies)	
Solubility (water)	Soluble.
Partition coefficient (n-octanol/water)	Not available.
Decomposition temperature	Not available.
Other data	
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Stability	Material is stable under normal conditions.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidising agents.
Hazardous decomposition products	No hazardous decomposition products are known.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.

11. Toxicological information

Acute toxicity

Information on likely routes of exposure

Ingestion	Expected to be a low ingestion hazard.
Inhalation	No adverse effects due to inhalation are expected.
Skin contact	Causes mild skin irritation.
Eye contact	Causes serious eye irritation.

Components	Species	Test results
Alcohols, C10-C16, ethoxylated, sulfates, sodium salts (CAS 68585-34-2)		
Acute		
Oral		
LD50	Rat	> 2000 mg/kg
Fatty alcohol ethoxylated (CAS 69011-36-5)		
Acute		
Dermal		
LD50	Rat	> 4000 mg/kg
Oral		
LD50	Rat	500 - 2000 mg/kg
Paraffin oils, chlorosulfonated, saponified (CAS 68188-18-1)		
Acute		
Dermal		
LD50	Rat	> 5000 mg/kg dw
Oral		
LD50	Rat	1271 mg/kg
Routes of exposure	Skin contact. Eye contact.	
Symptoms	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Mild skin irritation.	
Skin corrosion/irritation	Causes mild skin irritation.	
Serious eye damage/eye irritation	Causes serious eye irritation.	
Respiratory sensitizer	Not a respiratory sensitiser.	
Skin sensitizer	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.	
Toxic to reproduction	This product is not expected to cause reproductive or developmental effects.	
Specific target organ toxicity - single exposure	Not classified.	
Specific target organ toxicity - repeated exposure	Not classified.	
Aspiration hazard	Not an aspiration hazard.	
Chronic effects	No data available.	
Relevant negative data	No data available.	
Other information	No other specific acute or chronic health impact noted.	

12. Ecological information**Ecotoxicological data**

Components	Species	Test results
Alcohols, C10-C16, ethoxylated, sulfates, sodium salts (CAS 68585-34-2)		
Aquatic		
Fish	LC50	> 1 mg/l, 96 hours
Fatty alcohol ethoxylated (CAS 69011-36-5)		
Aquatic		
<i>Acute</i>		
Algae	EC50	10 - 100 mg/l, 72 hours
Crustacea	EC50	10 - 100 mg/l, 48 hours
Fish	LC50	10 - 100 mg/l, 96 hours

Components	Species		Test results
Paraffin oils, chlorosulfonated, saponified (CAS 68188-18-1)			
Aquatic			
<i>Acute</i>			
Algae	IC50	Algae	246.89 mg/l, 72 hours
Crustacea	EC50	Daphnia	4.72 mg/l, 48 hours
Fish	LC50	Fish	4.16 mg/l, 96 hours
Ecotoxicity	Harmful to aquatic life.		
Persistence and degradability			
Bioaccumulation	No data available.		
Partition coefficient n-octanol/water (log Kow)	Not available.		
Bioconcentration factor (BCF)	Not available.		
Mobility	This product is miscible in water.		
Other hazardous effects	No data available.		
13. Disposal considerations			
Disposal methods/information	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.		
Special precautions	Dispose in accordance with all applicable regulations.		
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 established.		
15. Regulatory information			
Applicable regulations	HSNO - Cleaning Products (Subsidiary Hazard) Group Standard 2006 [HSR 002530] HSNO: 6.3B; 6.4A		
New Zealand Inventory of Chemicals (NZIoC): Registration status			
Alcohols, C10-C16, ethoxylated, sulfates, sodium salts (CAS 68585-34-2)		HSNO Approved	
Fatty alcohol ethoxylated (CAS 69011-36-5)		HSNO Approved	
Paraffin oils, chlorosulfonated, saponified (CAS 68188-18-1)		May be used as a single component chemical under an appropriate group standard	
16. Other information			
References	IARC Monographs. Overall Evaluation of Carcinogenicity HSDB® - Hazardous Substances Data Bank		
Issued by	Not available.		
Prepared by	Not available.		
Disclaimer	The information in the sheet was written based on the best knowledge and experience currently available.		
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