AALTO PREMIUM EXTERIOR LOW SHEEN RANGE

Date of issue: 31 May 2023 NZ Safety Data Sheet

1. Identification of the Substance/Mixture and Supplier.

Product name:	Aalto Premium Exterior Low Sheen (306-100 – White, 306-102 – Half White, 306-103 – Quarter White, 306-105 – Crystal Base)
Application:	Paint
Company:	DECORA GROUP LTD 7 Akatea Road, Glendene, Auckland, New Zealand.
Telephone:	09 818 9215
Facsimile:	09 818 7862
Emergency telephone:	0800 761 333

2. Hazards Identification.

HSNO Status: Classified as hazardous according to the criteria of HSNO. HSNO approval number HSR002670.

DG Status: Not classified as Dangerous Goods according to NZS5433

Signal Word: WARNING

HAZARD CLASSIFICATIONS HSNO	HAZARD STATEMENTS	GHS Pictogram
Skin sensitisation Category 1	H317 May cause an allergic skin reaction.	
Hazardous to the aquatic environment chronic Category 3	H412 Harmful to aquatic life with long lasting effects.	N/A

PREVENTION STATEMENTS	
P103	Read carefully and follow all instructions.
P104	Read Safety Data Sheet before use.
P261	Avoid breathing mist/vapours/ spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE STATEMENTS	
P302+P352	**IF ON SKIN:** Wash with plenty of soap and water.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Take off contaminated clothing and wash before re-use.

STORAGE STATEMENTS	

DISPOSAL STATEMENTS	
P501	Refer to Section 13.

3. Composition/Information on Ingredients.

Chemical Entity	CAS Number	Proportion %w/w
Acticide MBS		<0.5

Balance of ingredients: Non-hazardous, or below the hazardous threshold.

4. First Aid Measures.

Swallowed	If swallowed do NOT induce vomiting. Give water to drink. Get medical attention if

	symptoms occur.
Inhaled	If inhaled, move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped. Obtain medical attention if symptoms occur.
Eye Contact	If splashed in the eyes, wash out immediately with water. Obtain medical attention if irritation occurs.
Skin Contact	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Get medical attention if symptoms occur.
Further Information	For advice contact the National Poisons Centre – 0800 POISON (0800 764 766) – or a doctor, immediately.
5. Fire-Fighting Measures.	
Suitable extinguishing media	In case of fire, use water spray (fog), foam, dry chemical or CO_2.
Unsuitable extinguishing media	High volume water jet.
Hazards from the substance	In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous combustion products	Decomposition products may include: Carbon oxides, Nitrogen oxides, Other noxious substances.
Special precautions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
6. Accidental Release Measures.	
Personal precautions	Wear appropriate Personal Protective Equipment (see section 8). Provide adequate ventilation.
Environmental precautions	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Small spill	Stop leak if without risk. Move containers from spill area. Absorb with an inert dry material and place in an appropriate waste disposal container. Eliminate all ignition sources. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.
Large spill	Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Eliminate all ignition sources. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.
7. Handling and Storage.	
Handling	Wear appropriate PPE, and ensure there is adequate ventilation and extraction in the work area. Avoid skin or eye contact, or breathing in the product. Follow precautions listed in section 2 for handling flammable/combustible liquids.
Storage	Keep container dry and tightly closed, in a cool, well-ventilated area, away from direct sunlight. Keep away from heat, sparks and open flame.
8. Exposure Control/Personal Protection	

Exposure Standards	
No exposure limits set for the finished product, listed components below.	
Engineering Controls	General ventilation and local exhaust should be suitable to keep vapour concentrations below WES/TWA. Ventilation equipment should be explosion-proof when operating in flammable zones.
Personal Protection	
Respiratory	Wear a vapour respirator, if poor ventilation
Eyes	Wear chemical goggles/face protection.
Hands	Wear chemical gloves – PVC, Polychloroprene or Nitrile.
Other	Wear overalls or dust coat. Use PVC apron when handling large quantities.

9. Physical and Chemical Properties

PROPERTY	SPECIFICATION
Appearance (physical state, colour, etc.)	Liquid, MCR
Odour	Not available
Odour threshold	Not available
pH	8.5-9.5
Melting point/freezing point	Not available
Initial boiling point and boiling range	Not available
Flash point	Not available
Flammability (solid, gas)	Not available
Upper/lower flammability or explosive limits	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	1.18-1.35kg/L
Solubility (ies)	Not available
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Kinematic viscosity	95-115KU

10. Stability and Reactivity

Stability	The product is stable
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	None known.
Incompatible materials	None known.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information

Original data sourced from CCID and RM SDSs	
Classification:	Skin sensitisation Category 1
Health Effects:	May cause an allergic skin reaction
Reference:	Derived by applying mixture rules.
Acute Oral Toxicity	Does not trigger HSNO classification
Acute Dermal Toxicity	Does not trigger HSNO classification
Acute Inhalation Toxicity	Does not trigger HSNO classification
Acute Aspiration Toxicity	Does not trigger HSNO classification
Skin Irritancy/Corrosion	Does not trigger HSNO classification
Eye Irritancy/Corrosion	Does not trigger HSNO classification
Respiratory Sensitisation	Does not trigger HSNO classification
Mutagenic	Does not trigger HSNO classification
Carcinogenic	Does not trigger HSNO classification
Reproductive/Development Toxicity	Does not trigger HSNO classification
STOT-SE	Does not trigger HSNO classification
STOT-RE	Does not trigger HSNO classification
Swallowed:	Not available
Inhaled:	Not available
Skin:	Not available
Eyes:	Not available
Chronic Effects:	Not available

Toxicity Data

Product Acute Toxicity Estimate

ORAL LD50
>2000 mg/kg

DERMAL LD50
>2000 mg/kg

INHALATION LC50 (vapours)
>20 mg/L/4H

INHALATION LC50 (dust/mist)
>5 mg/L/4H

Product/Ingredient:	LD50 – Oral, mg/kg	LD50 – Dermal, mg/kg	LC50 – Inhalation, mg/L/4H
Ammonia 910 (25%)	>300		
Tergitol 15 S9	>412		

12. Ecological Information

This product is classified as Ecotoxic according to the criteria of HSNO.

Ecotoxic Ingredients:

Ingredient	Classification
Ammonia 910 (25%)	Hazardous to the aquatic environment Acute Category 1
Troysan MXCR	Hazardous to the aquatic environment chronic Category 2
Acrysol RM8W	Hazardous to the aquatic environment chronic Category 3
Acticide MBS	Hazardous to the aquatic environment chronic Category 2
Zinc Oxide	Hazardous to the aquatic environment Acute Category 1 Hazardous to the aquatic environment chronic Category 1

Texanol	Hazardous to the aquatic environment chronic Category 3
Product/Ingredient	Species, L(E)C50
	FISH
Ammonia 910	Rainbow trout, LC50: 0.53mg/L
Texanol	Fathead minnow, LC50: 33mg/L/96h
	CRUSTACEAN
Ammonia 910	Daphnia magna, LC50: 0.66mg/L
Zinc oxide	Daphnia magna, LC50: 0.098mg/L
Texanol	Water flea, EC50: 147.8mg/L/48h
	ALGAL
Zinc oxide	Algae, EC50: 0.03mg/L
Texanol	Pseudokirchneriella subcapitata, ErC50: 15mg/L/72h
Product/Ingredient:	
Persistence & Degradability	Not available
Mobility	Not available
Bioaccumulative Potential	Not available
Other	Not available
Product Calculated Aquatic Ecotoxicity – L(E)C50 mg/L:	
Hazardous to the aquatic environment chronic Category 3: >10 - ≤100	
Ecotoxicity Data – CCID – Not available	
Persistence & Degradability - Not available	
Mobility - Not available	
Bioaccumulation Potential - Not available	
Other - Not available	
13. Disposal Considerations.	
Do not let this product enter the environment. Do not dispose of in waterways or sewers. Dispose of this material and its container as hazardous waste, via a licensed facility. See local council for disposal/recycling information.	
14. Transportation Information.	
Not regulated for transport. Keep separated from foodstuffs.	
15. Regulatory Information.	
Group Standard: HSNO Approval Number:	Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2020. HSR002670
HSNO CONTROLS	

SDS required when any quantity is present in a workplace.	
Emergency Response Plan and Secondary Containment required when >1000L is present in a workplace	
Ecotoxic signage required when >1000L is stored.	
Certified Handler	Not Required
Tracking	Not Required
All ingredients are on the New Zealand Inventory of Chemicals (NZIoC), or exempt.	
Any existing national regulations on the handling of dangerous substances should be observed. Controls for hazardous substances are based upon current knowledge. Where multiple chemicals are stored, controls will need to take into account aggregate quantities. Contact a WorkSafe approved Compliance Certifier for further information and guidance.	
This material is not subject to the following agreements: • Montreal Protocol (Ozone Depleting Substances) • The Stockholm Convention (Persistent Organic Pollutants) • The Rotterdam Convention (Prior Informed Consent)	

16. Other Information.

HSNO = Hazardous Substances and New Organisms Act 1996.
EPA = Environmental Protection Authority
CCID = Chemical Classification and Information Database (EPA)
NZ WES = New Zealand Work Exposure Standard
TWA = Time Weighted Average
STEL = Short Term Exposure Limit

Date of SDS Preparation: 31 May 2023.
Replaces version dated: March 2019.

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance of the product.