



SAFETY DATA SHEET

Ultra Grit

According to the Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practise, 2021.

SECTION 1: Identification: Product identifier and chemical identity

Product identifier

Product name Ultra Grit

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

Application Hand cleaner.

Uses advised against This product is not recommended for any industrial, professional or consumer use other than the Identified uses above.

Details of the supplier of the safety data sheet

Supplier Autosmart Australia
 11 Darrambal Close
 Rathmines
 NSW 2283
 Australia
www.autosmartaustralia.com.au
 Tel: 02 49 75 14 88 (Mon to Fri, 08:00 - 16:00 AEST) (General Information. Transport Information. Mild Medical Information)
autosmart@autosmartaustralia.com.au

Contact Person Mr. Russell Butler

Emergency telephone number

Emergency telephone NCEC - For Chemical Emergency Support ONLY (spill, leak, fire, exposure or accident), Call NCEC at 18000 74234 (toll free 24Hrs) - when calling please quote "AUTOSMART 29003-NCEC"

Local number +61 2 8 014 4558

General Information. Transport Information. Mild medical Information:-

Tel: 02 49 75 14 88 (Mon to Fri, 08:00 - 16:00 AEST)

National emergency telephone number Poison Information Hotline: 13 11 26

SECTION 2: Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

Label elements

Hazard statements NC Not Classified

Ultra Grit

2,2'-iminodiethanol 0.7<1.0% CAS number: 111-42-2 Substance with a Community workplace exposure limit.
Classification Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT RE 2 - H373 Aquatic Chronic 3 - H412
Glycerine 0.2<0.5% CAS number: 56-81-5 Substance with a Community workplace exposure limit.
Classification Not Classified

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

Description of first aid measures

Inhalation	Not relevant.
Ingestion	Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.
Skin Contact	Not relevant.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Most important symptoms and effects, both acute and delayed

Inhalation	This is unlikely to occur but symptoms similar to those of ingestion may develop.
Ingestion	May cause discomfort if swallowed.
Skin contact	No specific symptoms known.
Eye contact	No specific symptoms known.

Indication of any immediate medical attention and special treatment needed

Notes for the doctor	No specific recommendations. If in doubt, get medical attention promptly.
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SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media	The product is not flammable. The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.
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Special hazards arising from the substance or mixture

Specific hazards	Oxides of the following substances: Carbon. Nitrogen. No unusual fire or explosion hazards noted.
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Ultra Grit

Hazardous combustion products Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

Advice for firefighters

Protective actions during firefighting No specific firefighting precautions known.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions For personal protection, see Section 8.

Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

Methods and material for containment and cleaning up

Methods for cleaning up Flush away spillage with plenty of water. Flush contaminated area with plenty of water. Large Spillages: Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Take care as floors and other surfaces may become slippery.

Reference to other sections

Reference to other sections For waste disposal, see Section 13.

SECTION 7: Handling and storage, including how the chemical may be safely used

Precautions for safe handling

Usage precautions Read and follow manufacturer's recommendations.

Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

Storage class Chemical storage.

Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

SECTION 8: Exposure controls and personal protection

Control parameters

Occupational exposure limits

(R)-p-mentha-1,8-diene

Long-term exposure limit (8-hour TWA): WEL 100 ppm

Short-term exposure limit (15-minute): WEL 150 ppm

2,2'-iminodiethanol

Long-term exposure limit (8-hour TWA): 3 ppm 13 mg/m³

Glycerine

Long-term exposure limit (8-hour TWA): 10 mg/m³ mist

WEL = Workplace Exposure Limit.

COCONUT DIETHANOLAMIDE (CAS: 68155-07-7)

Ultra Grit

Ingredient comments	No exposure limits known for ingredient(s). <u>Alcohols, C12-14, ethoxylated (CAS: 68439-50-9)</u>
Ingredient comments	No exposure limits known for ingredient(s). <u>Sodium Lauryl Sulphate (CAS: 85586-07-8)</u>
Ingredient comments	No exposure limits known for ingredient(s).

Exposure controls

Appropriate engineering controls	Not relevant.
Eye/face protection	Not relevant.
Hand protection	Not relevant.
Other skin and body protection	Not relevant.
Hygiene measures	Not relevant.
Respiratory protection	Not relevant.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Yellow.
Odour	Pleasant, agreeable.
Odour threshold	Not available.
pH	pH (concentrated solution): 7.0
Initial boiling point and range	Not applicable.
Flash point	Not applicable.
Evaporation rate	Not applicable. «59» «184» «109020»
Flammability Limit - Lower(%)	Not applicable.
Vapour pressure	Not applicable.
Relative density	~ 1.15 @ (20 °c)°C
Solubility(ies)	Soluble in water. Miscible with water.
Partition coefficient	Not available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not applicable.
Viscosity	Not available.
Oxidising properties	Not applicable.
Comments	Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.

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Volatile organic compound This product contains a maximum VOC content of 19 g/litre.

SECTION 10: Stability and reactivity

Reactivity	There are no known reactivity hazards associated with this product.
Stability	Stable at normal ambient temperatures.
Possibility of hazardous reactions	Not applicable. Will not polymerise.
Conditions to avoid	Not relevant.
Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
Hazardous decomposition products	Fire creates: Carbon monoxide (CO). Carbon dioxide (CO ₂).

SECTION 11: Toxicological information

Information on toxicological effects

Toxicological effects	No information available.
Other health effects	There is no evidence that the product can cause cancer.
<u>Acute toxicity - oral</u>	
ATE oral (mg/kg)	104,493.21
General information	No specific health hazards known.
Inhalation	No specific health hazards known.
Ingestion	May cause discomfort if swallowed.
Skin Contact	No specific health hazards known.
Eye contact	No specific health hazards known. Mildly irritating to the eyes.
Acute and chronic health hazards	No specific long-term effects known.
Route of exposure	Ingestion.
Medical Symptoms	No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.
Medical considerations	Skin disorders and allergies.

Toxicological information on ingredients.

COCONUT DIETHANOLAMIDE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,000.0

Species Rat

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

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Acute toxicity - dermal

Acute toxicity dermal (LD₅₀) 2,000.0
mg/kg)

Species Rat

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data Irritating.

Serious eye damage/irritation

Serious eye damage/irritation Eye Dam. 1 - H318 Causes serious eye damage.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

IARC carcinogenicity None of the ingredients are listed or exempt.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Reproductive toxicity - development Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion May cause irritation.

Skin Contact Redness. Irritating to skin.

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Eye contact	Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.
Route of exposure	Ingestion Inhalation Skin and/or eye contact
Target Organs	No specific target organs known.

(R)-p-mentha-1,8-diene

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 4,400.0

Species Rat

ATE oral (mg/kg) 4,400.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,001.0

Species Rabbit

ATE dermal (mg/kg) 2,001.0

Carcinogenicity

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

Alcohols, C12-14, ethoxylated

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data Irritating.

Serious eye damage/irritation

Serious eye damage/irritation Eye Dam. 1 - H318 Causes serious eye damage.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

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IARC carcinogenicity	None of the ingredients are listed or exempt.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	Based on available data the classification criteria are not met.
Reproductive toxicity - development	Based on available data the classification criteria are not met.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	Not classified as a specific target organ toxicant after a single exposure.
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.
<u>Aspiration hazard</u>	
Aspiration hazard	Based on available data the classification criteria are not met.
<u>General information</u>	
	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Prolonged inhalation of high concentrations may damage respiratory system.
Ingestion	May cause irritation.
Skin Contact	Redness. Irritating to skin.
Eye contact	Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.
Route of exposure	Ingestion Inhalation Skin and/or eye contact
Target Organs	No specific target organs known.

Sodium Lauryl Sulphate

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 1,800.0

Species Rat

ATE oral (mg/kg) 1,800.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,000.0

Species Rabbit

Skin sensitisation

Skin sensitisation Not sensitising.

Carcinogenicity

Carcinogenicity There is no evidence that the product can cause cancer.

2,2'-iminodiethanol

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Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 1,600.0

Species Rat

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 12,970.0

Species Rabbit

ATE dermal (mg/kg) 12,970.0

Skin corrosion/irritation

Animal data Causes skin irritation.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Respiratory sensitisation

Respiratory sensitisation Not sensitising.

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro This substance has no evidence of mutagenic properties.

Carcinogenicity

IARC carcinogenicity IARC Group 2B Possibly carcinogenic to humans.

Reproductive toxicity

Reproductive toxicity - development This substance has no evidence of toxicity to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure Data lacking.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Causes damage to organs (Blood, Kidneys, Liver) through prolonged or repeated exposure if swallowed.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

Inhalation May cause respiratory system irritation.

Ingestion May cause stomach pain or vomiting.

Skin Contact Irritating to skin.

Eye contact Risk of serious damage to eyes. Corneal damage.

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SECTION 12: Ecological information

Ecotoxicity No negative effects on the aquatic environment are known.

Ecological information on ingredients.

COCONUT DIETHANOLAMIDE

Ecotoxicity The product is mildly toxic to aquatic organisms.

(R)-p-mentha-1,8-diene

Ecotoxicity Low danger of inhibition of biosludge in sewage plants.

Alcohols, C12-14, ethoxylated

Ecotoxicity Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

Sodium Lauryl Sulphate

Ecotoxicity Harmful to aquatic life with long lasting effects.

2,2'-iminodiethanol

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

Acute aquatic toxicity

Acute toxicity - fish Not determined.

Acute toxicity - aquatic invertebrates Not determined.

Acute toxicity - aquatic plants Not determined.

Acute toxicity - microorganisms Not determined.

Acute toxicity - terrestrial Not determined.

Ecological information on ingredients.

COCONUT DIETHANOLAMIDE

Toxicity Aquatic Chronic 2 - H411 Toxic to aquatic life with long lasting effects.

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 2.4 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 3.2 mg/l, Daphnia magna

Acute toxicity - aquatic plants LC₅₀, 72 hours: 3.9 mg/l, Algae

(R)-p-mentha-1,8-diene

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1

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M factor (Acute)	1
Acute toxicity - fish	LC ₅₀ , 96 hours: 33 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 0.4 mg/l, Daphnia magna
Acute toxicity - aquatic plants	IC ₅₀ , 72 hours: 4 mg/l, Algae
<u>Chronic aquatic toxicity</u>	
NOEC	0.01 < NOEC ≤ 0.1
Degradability	Non-rapidly degradable
M factor (Chronic)	1

Alcohols, C12-14, ethoxylated

Toxicity Based on available data the classification criteria are not met.

Sodium Lauryl Sulphate

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: ~ 3.6 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: ~ 4.7 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: > 20 mg/l, Scenedesmus subspicatus

Acute toxicity - microorganisms EC₂₀, 16 hours: 1083 mg/l, Activated sludge

Chronic aquatic toxicity

Chronic toxicity - fish early life stage NOEC, 28 days: ~ 0.35 mg/l, Freshwater fish

2,2'-iminodiethanol

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: > 1 mg/l, Freshwater fish

Persistence and degradability

Persistence and degradability The product is biodegradable.

Ecological information on ingredients.

COCONUT DIETHANOLAMIDE

Persistence and degradability

(R)-p-mentha-1,8-diene

Persistence and degradability

The product is biodegradable.

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Chemical oxygen demand ~ 0.003280 g O₂/g substance

Alcohols, C12-14, ethoxylated

Persistence and degradability The product is readily biodegradable.

Sodium Lauryl Sulphate

Persistence and degradability The product is biodegradable.

2,2'-iminodiethanol

Persistence and degradability The product is biodegradable.

Bioaccumulative potential

Bioaccumulative Potential The product does not contain any substances expected to be bioaccumulating.

Partition coefficient Not available.

Ecological information on ingredients.

COCONUT DIETHANOLAMIDE

Bioaccumulative Potential No data available on bioaccumulation.

(R)-p-mentha-1,8-diene

Bioaccumulative Potential The product does not contain any substances expected to be bioaccumulating.

Alcohols, C12-14, ethoxylated

Bioaccumulative Potential No data available on bioaccumulation.

Partition coefficient Not available.

Sodium Lauryl Sulphate

Bioaccumulative Potential The product is not bioaccumulating.

Partition coefficient log Pow: < 2.1

2,2'-iminodiethanol

Bioaccumulative Potential No data available on bioaccumulation.

Mobility in soil

Mobility The product is non-volatile.

Ecological information on ingredients.

COCONUT DIETHANOLAMIDE

Mobility The product is water-soluble and may spread in water systems. The product is non-volatile.

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(R)-p-mentha-1,8-diene

Mobility The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

Alcohols, C12-14, ethoxylated

Mobility The product is water-soluble and may spread in water systems. The product is non-volatile.

Sodium Lauryl Sulphate

Mobility The product is soluble in water.

2,2'-iminodiethanol

Mobility The product is soluble in water.

Other adverse effects

Other adverse effects Not applicable.

Ecological information on ingredients.

COCONUT DIETHANOLAMIDE

Other adverse effects None known.

Alcohols, C12-14, ethoxylated

Other adverse effects None known.

SECTION 13: Disposal considerations

Waste treatment methods

General information The packaging must be empty (drop-free when inverted).

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Packaging: Reuse or recycle products wherever possible.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADG).

UN number

Not applicable.

UN proper shipping name

Not applicable.

Transport hazard class(es)

No transport warning sign required.

Packing group

Not applicable.

Environmental hazards

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Environmentally hazardous substance/marine pollutant

No.

Special precautions for user

Not applicable.

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78
and the IBC Code

SECTION 15: Regulatory information

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

National regulations

The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
National Code of Practice for the Preparation of Material Safety Data Sheets.
Approved Criteria for Classifying Hazardous Substances.
Exposure Standards for Atmospheric Contaminants in the Occupational Environment.
Guidance Note on the Interpretation of Exposure Standards for Atmospheric Contaminants in the Occupational Environment.
National Code of Practice for the Labelling of Workplace Substances.
National Model Regulations for the Control of Workplace Hazardous Substances.
National Code of Practice for the Control of Workplace Hazardous Substances.
National Standard for the Storage and Handling of Workplace Dangerous Goods.
National Code of Practice for the Storage and Handling of Workplace Dangerous Goods.
Guidance Note for Placarding Stores for Dangerous Goods and Specified Hazardous Substances. Guidance Note for the Assessment of Health Risks Arising from Hazardous Substances in the Workplace.
National Standard for the Control of Major Hazard Facilities. National Code of Practice for the Control of Major Hazard Facilities.

Schedule (SUSMP)

No Poison Schedule number allocated

Inventories

Australia - AIC

None of the ingredients are listed or exempt.

SECTION 16: Any other relevant information

Abbreviations and acronyms used in the safety data sheet

ADG: Australian dangerous goods code

IATA: International air transport association.

ICAO: Technical instructions for the safe transport of dangerous goods by air.

IMDG: International maritime dangerous goods.

CAS: Chemical abstracts service.

ATE: Acute toxicity estimate.

LC₅₀: Lethal concentration to 50 % of a test population.

LD₅₀: Lethal dose to 50% of a test population (median lethal dose).

EC₅₀: 50% of maximal effective concentration.

PBT: Persistent, bioaccumulative and toxic substance.

vPvB: Very persistent and very bioaccumulative.

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Classification abbreviations and acronyms	Eye Dam. = Serious eye damage Skin Irrit. = Skin irritation Skin Sens. = Skin sensitisation Aquatic Chronic = Hazardous to the aquatic environment (chronic)
Training advice	Read and follow manufacturer's recommendations. Only trained personnel should use this material.
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Issued by	Prepared by Autosmart International Ltd, Lynn Lane, Shenstone, Lichfield, Staffordshire, WS14 0DH, Great Britain. www.autosmartinternational.com rbutler@autosmart.co.uk Tel +44 (0)1543 481616
Revision date	7/06/2021
Revision	2
Supersedes date	7/02/2019
SDS No.	21677
SDS status	Approved.
Hazard statements in full	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

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