



MATERIAL SAFETY DATA SHEET
Ammonia Free Tint Remover

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

1.1. Product identifier

Product Name Ammonia Free Tint Remover

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

Application: Car maintenance product. - Cleaning agent.

Uses Advised Against For professional use only. This product is not recommended for any industrial, professional or consumer use other than the Identified uses above.

1.3. Details of the supplier of the safety data sheet

Supplier Autosmart Australia
11 Darrambal Close
Rathmines
NSW 2283
Australia
www.autosmartinternational.com
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

1.4. Emergency telephone number

Emergency No: +44 7808 971321 (24hrs) (Autosmart International, UK)
General Information. Transport Information. Mild medical Information:-
Tel: 02 49 75 14 88 (Mon to Fri, 08:00 - 16:00 AEST)

SECTION 2: HAZARDS IDENTIFICATION

Risk Phrases

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R36/38 Irritating to eyes and skin.

Safety Phrases

S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37 Wear suitable protective clothing and gloves.
S51 Use only in well-ventilated areas.
S23 Do not breathe vapour/spray.
S35 This material and its container must be disposed of in a safe way.

2.1. Classification of the substance or mixture

2.2. Label elements

Contains 2-BUTOXYETHANOL

Labelling



Harmful

Risk Phrases

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R36/38 Irritating to eyes and skin.

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Safety Phrases

S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37	Wear suitable protective clothing and gloves.
S51	Use only in well-ventilated areas.
S23	Do not breathe vapour/spray.
S35	This material and its container must be disposed of in a safe way.

2.3. Other hazards

This product does not contain any PBT or vPvB Substances.

Statement Of Hazardous Nature

HAZARDOUS SUBSTANCE (According to criteria of NOHSC). NON-DANGEROUS GOODS (According to ADG Code).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

2-BUTOXYETHANOL	30-60%
CAS-No.: 111-76-2	EC No.: 203-905-0
Registration Number: 01-2119475108-36-xxxx	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548) Xn;R20/21/22 Xi;R36/38
ETHANOL	2-5%
CAS-No.: 64-17-5	EC No.: 200-578-6
Classification (EC 1272/2008) Flam. Liq. 2 - H225	Classification (67/548) F;R11
METHANOL	0.2-0.5%
CAS-No.: 67-56-1	EC No.: 200-659-6
Registration Number: 01-2119433307-44-xxxx	
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT SE 1 - H370	Classification (67/548) F;R11 T;R23/24/25,R39/23/24/25

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

Susdp First Aid Instructions

For advice, contact a Poisons Information Centre (Phone 13 1126) or a doctor.

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

If swallowed, do NOT induce vomiting.

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

4.1. Description of first aid measures

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General information

Move the exposed person to fresh air at once. Provide fresh air, warmth and rest, preferably in comfortable upright sitting position. NOTE! Keep affected person away from heat, sparks and flames!

Inhalation

Remove victim immediately from source of exposure. Move into fresh air and keep at rest. Place unconscious person on the side in the recovery position and ensure breathing can take place. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!

Ingestion

Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention promptly if symptoms occur after washing.

4.2. Most important symptoms and effects, both acute and delayed

General information

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

Inhalation

Vapours may cause headache, fatigue, dizziness and nausea.

Ingestion

Fumes from the stomach contents may be inhaled resulting in the same symptoms as inhalation.

Skin contact

Skin irritation. Prolonged contact may cause redness, irritation and dry skin.

Eye contact

Irritation of eyes and mucous membranes.

4.3. Indication of any immediate medical attention and special treatment needed

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

5.2. Special hazards arising from the substance or mixture

Hazardous Combustion Products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

Specific hazards

The product is non-combustible. If heated, harmful vapours may be formed.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Keep up-wind to avoid fumes. Avoid breathing fire vapours.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For personal protection, see section 8.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body. To prevent release, place container with damaged side up.

6.3. Methods and material for containment and cleaning up

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Absorb in vermiculite, dry sand or earth and place into containers. Do not use sawdust or other combustible material. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. For waste disposal, see section 13. Do not contaminate water sources or sewer. Runoff or release to sewer, waterway or ground is forbidden. Clean-up personnel should use respiratory and/or liquid contact protection. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container.

6.4. Reference to other sections

For personal protection, see section 8.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry and cool place. Keep in original container. Keep separate from food, feedstuffs, fertilisers and other sensitive material.

Storage Class

Chemical storage.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
2-BUTOXYETHANOL	NOHSC	20 ppm	96,9 mg/m ³	50 ppm	242 mg/m ³	Sk
ETHANOL	NOHSC	1000 ppm	1880 mg/m ³			
METHANOL	NOHSC	200 ppm	262 mg/m ³	250 ppm	328 mg/m ³	Sk

NOHSC = The National Occupational Health and Safety Commission.

Sk = Absorption through the skin may be a significant source of exposure.

METHANOL (CAS: 67-56-1)

DNEL

Industry	Dermal	Long Term	Systemic Effects	40 mg/kg/day
Industry	Inhalation.	Long Term	Systemic Effects	260 mg/m ³
Industry	Dermal	Short Term	Systemic Effects	40 mg/kg/day
Industry	Inhalation.	Short Term	Systemic Effects	260 mg/m ³
Consumer	Dermal	Long Term	Systemic Effects	8 mg/kg/day
Consumer	Inhalation.	Long Term	Systemic Effects	50 mg/m ³
Consumer	Dermal	Short Term	Systemic Effects	8 mg/kg/day
Consumer	Inhalation.	Short Term	Systemic Effects	50 mg/m ³
Consumer	Oral	Short Term	Systemic Effects	8 mg/kg/day

2-BUTOXYETHANOL (CAS: 111-76-2)

DNEL

Industry	Dermal	Short Term	89	mg/kg/day
Industry	Inhalation.	Short Term	246	mg/m ³
Industry	Dermal	Long Term	75	mg/kg/day
Industry	Inhalation.	Long Term	98	mg/m ³
Consumer	Dermal	Short Term	44.5	mg/kg/day
Consumer	Inhalation.	Short Term	123	mg/m ³
Consumer	Oral	Short Term	13.4	mg/kg/day
Consumer	Dermal	Long Term	38	mg/kg/day
Consumer	Inhalation.	Long Term	49	mg/m ³

PNEC

Freshwater	8.8	mg/l
Marinewater	0.88	mg/l
Sediment (Freshwater)	8.14	mg/kg
Soil	2.8	mg/kg
STP	463	mg/l

8.2. Exposure controls

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Protective equipment

**Process Conditions**

Provide eyewash station.

Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

If ventilation is insufficient, suitable respiratory protection must be provided. Wear mask supplied with: Gas cartridge suitable for organic substances.

Hand protection

Use protective gloves made of: Nitrile. Polyvinyl alcohol (PVA). Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.

Other Protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Clear liquid.
Colour	Pink.
Odour	Solvent.
Solubility	Miscible with water
Boiling Point (°C)	~ 100°C 760 mm Hg
Relative density	~ 1.000 @ 20°C
Vapour density (air=1)	Not determined.
Vapour pressure	Not determined.
Evaporation rate	Not determined.
pH-Value, Conc. Solution	~ 7.0
pH-Value, Diluted Solution	~ 7.0 @ 1%
Viscosity	~ 1 cSt @ 20°C
Decomposition temperature (°C)	Not available.
Odour Threshold, Lower	Not available.
Odour Threshold, Upper	Not available.
Flash point (°C)	> 61°C CC (Closed cup).
Auto Ignition Temperature (°C)	Not determined.
Flammability Limit - Lower(%)	Not determined.
Flammability Limit - Upper(%)	Not determined.
Partition Coefficient (N-Octanol/Water)	Not available.

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Oxidising properties

Not applicable.

Other Information

Information declared as "Not available" or "Not applicable" is not considered to be justified for enabling proper control measures to be taken.

9.2. Other information**Volatile Organic Compound (VOC)**

Not determined.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

No particular stability concerns.

10.3. Possibility of hazardous reactions

Not applicable.

Hazardous Polymerisation

Will not polymerise.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials**Materials To Avoid**

No specific, or groups of materials are likely to react to produce a hazardous situation.

10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects**Other Health Effects**

This substance has no evidence of carcinogenic properties. IARC Not Listed. IARC Int. Agency for Cancer Research. NTP Not Listed. OSHA Not Regulated.

Respiratory or Skin Sensitisation

Not Sensitising.

General information

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

Inhalation

Vapour from this chemical can be hazardous when inhaled.

Ingestion

Harmful: may cause lung damage if swallowed. Pneumonia may be the result if vomited material containing solvents reaches the lungs.

Skin contact

Irritating to skin. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

Eye contact

Irritating to eyes. Spray and vapour in the eyes may cause irritation and smarting.

Health Warnings

Solvent vapours are hazardous and may cause nausea, sickness and headaches. No specific acute or chronic health impact noted, but this chemical may still have adverse impact on human health, either in general or on certain individuals with pre-existing or latent health problems.

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Route of entry

Inhalation. Ingestion. Skin absorption.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. The product is not expected to be hazardous to waste water treatment processes. The product does not contain organically bound halogen. The product does not contain organic complexing agents with a DOC level of degradation of < 80% after 28 days.

12.1. 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.

12.2. Persistence and degradability

Degradability

Volatile substances are degraded in the atmosphere within a few days.

12.3. Bioaccumulative potential

Bioaccumulative potential

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

Partition coefficient

Not available.

12.4. Mobility in soil

Mobility:

The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces. The product contains substances, which are water soluble and may spread in water systems.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB Substances.

12.6. Other adverse effects

Not applicable.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

The packaging must be empty (drop-free, when inverted). Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

13.1. Waste treatment methods

Do not allow runoff to sewer, waterway or ground. Dispose of waste and residues in accordance with local authority requirements.

Packaging: Recover and reclaim or recycle, if practical.

SECTION 14: TRANSPORT INFORMATION

General

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

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

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14.3. Transport hazard class(es)

Not applicable.

Transport Labels

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

Poisons Schedule Number No Poison Schedule Number Allocated.

National Regulations And References

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

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

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

General information

Only trained personnel should use this material.

Revision Comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

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Revision	1
Safety Data Sheet Status	Approved.

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Risk Phrases In Full

R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R11	Highly flammable
R36/38	Irritating to eyes and skin.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

Hazard Statements In Full

H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H370	Causes damage to organs <<Organs>>.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.