Topaz

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

1.1. Product identifier
Product Name: Topaz
Product No.: 287-3

1.2. Relevant identified uses of the substance or mixture and uses advised against
Application: Car maintenance product - Polish.
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
NC
Not classified.

Safety Phrases
P13 Safety data sheet available for professional user on request.
S23 Do not breathe vapour/spray.
S24/25 Avoid contact with skin and eyes.
S37 Wear suitable gloves.
S51 Use only in well-ventilated areas.

2.1. Classification of the substance or mixture

2.2. Label elements
Detgent Labelling:
< 5% perfumes

Risk Phrases
NC Not classified.

Safety Phrases
P13 Safety data sheet available for professional user on request.
S23 Do not breathe vapour/spray.
S24/25 Avoid contact with skin and eyes.
S37 Wear suitable gloves.
S51 Use only in well-ventilated areas.

2.3. Other hazards
This product does not contain any PBT or vPvB Substances.

**Statement Of Hazardous Nature**


**ADR Class**

Not dangerous according to ADR. Not classified for transportation.

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**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

### 3.2. Mixtures

<table>
<thead>
<tr>
<th>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</th>
<th>20-25%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS-No.: 64742-48-9</td>
<td>EC No.: 919-857-5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Classification (EC 1272/2008)</th>
<th>Classification (67/548)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flam. Liq. 3 - H226</td>
<td>Xn;R65.</td>
</tr>
<tr>
<td>EUH066</td>
<td>R10,R66,R67.</td>
</tr>
<tr>
<td>STOT SE 3 - H336</td>
<td></td>
</tr>
<tr>
<td>Asp. Tox. 1 - H304</td>
<td></td>
</tr>
</tbody>
</table>

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

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**SECTION 4: FIRST AID MEASURES**

**Susdp First Aid Instructions**

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

If swallowed, do NOT induce vomiting.

#### 4.1. Description of first aid measures

**Inhalation**

Get medical attention if any discomfort continues.

**Ingestion**

Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.

**Skin contact**

Remove contaminated clothing. Rinse with water. Use suitable lotion to moisturise skin. Get medical attention if any discomfort continues.

**Eye contact**

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention if any discomfort continues.

#### 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**

No specific symptoms noted.

**Ingestion**

May cause discomfort if swallowed.

**Skin contact**

Prolonged skin contact may cause redness and irritation.

**Eye contact**

Prolonged contact may cause redness and/or tearing.

#### 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!

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**SECTION 5: FIREFIGHTING MEASURES**

#### 5.1. Extinguishing media

**Extinguishing media**

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

#### 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.
5.3. Advice for firefighters

Special Fire Fighting Procedures
No specific fire fighting procedure given.

Protective equipment for fire-fighters
Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

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 onto the ground or into water courses. To prevent release, place container with damaged side up. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body. Contain spillages with sand, earth or any suitable adsorbent material.

6.3. Methods and material for containment and cleaning up
Stop leak if possible without risk. Large Spillages: Absorb in vermiculite, dry sand or earth and place into containers. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery. Do not contaminate water sources or sewer. Small quantities may be flushed to drains with plenty of water. Wash thoroughly after dealing with a spillage. 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. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling
Read and follow manufacturer’s recommendations. Avoid spilling, skin and eye contact.

7.2. Conditions for safe storage, including any incompatibilities
Store in tightly closed original container in a dry, cool and well-ventilated place. Store in closed original container at temperatures between 5°C and 30°C. Keep above the chemical’s freezing point to avoid rupturing the container.

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

<table>
<thead>
<tr>
<th>Ingredient Comments</th>
<th>DNEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics (CAS: 64742-48-9)</td>
<td></td>
</tr>
<tr>
<td>No exposure limits noted for ingredient(s).</td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>Industry: 208 mg/kg/day</td>
</tr>
<tr>
<td>Dermal</td>
<td>Consumer: 125 mg/kg/day</td>
</tr>
<tr>
<td>Inhalation.</td>
<td>Industry: 871 mg/kg/day</td>
</tr>
<tr>
<td>Inhalation.</td>
<td>Consumer: 185 mg/kg/day</td>
</tr>
<tr>
<td>Oral</td>
<td>Consumer: 125 mg/kg/day</td>
</tr>
</tbody>
</table>

8.2. Exposure controls
Protective equipment
Process Conditions
Provide eyewash station.

Engineering measures
No particular ventilation requirements.

Respiratory equipment
No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

Hand protection
For prolonged or repeated skin contact use suitable protective gloves. Rubber, neoprene or PVC. PVC gloves are recommended. 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. Use thin cotton gloves inside the rubber gloves if allergy risk.

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

Other Protection
Wear appropriate clothing to prevent repeated or prolonged skin contact. Provide eyewash station.

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 if skin becomes wet or contaminated. Promptly remove any clothing that 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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Viscous liquid.</td>
</tr>
<tr>
<td>Colour</td>
<td>Purple.</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic.</td>
</tr>
<tr>
<td>Solubility</td>
<td>Immiscible with water</td>
</tr>
<tr>
<td>Boiling Point (°C)</td>
<td>~ 100 @ 760 mm Hg</td>
</tr>
<tr>
<td>Melting point (°C)</td>
<td>~ 0</td>
</tr>
<tr>
<td>Relative density</td>
<td>~ 0.930 (20°C)</td>
</tr>
<tr>
<td>Vapour density (air=1)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available.</td>
</tr>
<tr>
<td>pH-Value, Conc. Solution</td>
<td>~ 7.0</td>
</tr>
<tr>
<td>pH-Value, Diluted Solution</td>
<td>~ 7.0 @ 1%</td>
</tr>
<tr>
<td>Viscosity</td>
<td>~ 5,000 cSt @ 20°C</td>
</tr>
<tr>
<td>Decomposition temperature (°C)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Odour Threshold, Lower</td>
<td>Not available.</td>
</tr>
<tr>
<td>Odour Threshold, Upper</td>
<td>Not available.</td>
</tr>
<tr>
<td>Flash point (°C)</td>
<td>62°C CC (Closed cup).</td>
</tr>
<tr>
<td>Auto Ignition Temperature (°C)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Flammability Limit - Lower(%)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Flammability Limit - Upper(%)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>(N-Octanol/Water)</td>
</tr>
<tr>
<td></td>
<td>Not available.</td>
</tr>
</tbody>
</table>
Oxidising properties
Does not meet the criteria for oxidising.

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) 234 g/litre

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
There are no known reactivity hazards associated with this product.

10.2. Chemical stability
No particular stability concerns. Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions
Not relevant.

Hazardous Polymerisation
Will not polymerise.

10.4. Conditions to avoid
Avoid excessive heat for prolonged periods of time. Avoid frost.

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

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO2).

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.

Skin Corrosion/Irritation

Human Skin Model Test
Scientifically unjustified.

Extreme pH
Moderate pH ( > 2 and < 11.5)
Classification based on Conventional Method, and In Vitro Approaches - Corrosive or Irritant by measuring pH and Acid/Alkali Reserve. Not irritating.

General information
This product has low toxicity. Only large volumes may have adverse impact on human health.

Inhalation
No specific health warnings noted.

Ingestion
May cause discomfort if swallowed.

Skin contact
May cause defatting of the skin, but is not an irritant.

Eye contact
Spray and vapour in the eyes may cause irritation and smarting.
Health Warnings
Because of quantity and composition, the health hazard is small. Serious long-term effects are not known to be related to this type of product. 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.

Route of entry
Ingestion.

Medical Symptoms
No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

Toxicological Information on Ingredients:

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (CAS: 64742-48-9)

Toxic Dose 1 - LD 50
3160 mg/kg (oral rat)

Other Health Effects
This substance has no evidence of carcinogenic properties.

Acute toxicity:

Acute Toxicity (Oral LD50)
> 5000 mg/kg Rat

Acute Toxicity (Dermal LD50)
> 5000 mg/kg Rabbit

Acute Toxicity (Inhalation LC50)
> 5 mg/l (vapours) Rat 4 hours

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity
Not regarded as dangerous for the environment. 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.

Ecotoxicity Information on Ingredients:

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (CAS: 64742-48-9)

Ecotoxicity
The product is not expected to be toxic to aquatic organisms.

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
The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. The product is biodegradable, but it must not be discharged into drains without permission from the authorities.
Topaz

Ecological Information on Ingredients:

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (CAS: 64742-48-9)

Degradability
Volatiles 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.

Ecological Information on Ingredients:

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (CAS: 64742-48-9)

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

12.4. Mobility in soil

Mobility:
The product has poor water-solubility.

Ecological Information on Ingredients:

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (CAS: 64742-48-9)

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

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB Substances.

Ecological Information on Ingredients:

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (CAS: 64742-48-9)

Not classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

Not applicable.

SECTION 13: DISPOSAL CONSIDERATIONS

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

13.1. Waste treatment methods

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.

14.3. Transport hazard class(es)

Not applicable.

ADR Class
Not dangerous according to ADR. Not classified for transportation.

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 allocated Poison schedule number.

National Regulations And References

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

15.2. Chemical Safety Assessment
No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

General information
This product has been manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems. 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.
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rbutler@autosmart.co.uk
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Revision Date
25/11/2014

Revision
3

Supersedes date
22/10/2014

Safety Data Sheet Status
Approved.

Risk Phrases in Full
R10 Flammable.
R65 Harmful: may cause lung damage if swallowed.
NC Not classified.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.
Topaz

Hazard Statements In Full

EUH066  Repeated exposure may cause skin dryness or cracking.
H226   Flammable liquid and vapour.
H304   May be fatal if swallowed and enters airways.
H336   May cause drowsiness or dizziness.

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.