



**SAFETY DATA SHEET**

**Topaz**

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Product name Topaz  
Product number 287-4

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

Identified uses 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 International Ltd  
Lynn Lane,  
Shenstone, nr Lichfield  
Staffordshire. WS14 0DH  
England  
www.autosmartinternational.com  
Tel: +44 (0) 1543 481616 (09:00 - 17:00)  
Fax: +44 (0) 1543 481549 (09:00 - 17:00)  
info@autosmartinternational.com  
  
Contact person Mr. Russell Butler

**1.4. Emergency telephone number**

Emergency telephone Mob: +44 (0) 7808 971321 (24hrs)  
Tel: +44 (0) 1543 481616 (09:00 - 17:00)  
Fax: +44 (0) 1543 481549 (09:00 - 17:00)

If you urgently need medical help or advice but it's not a life-threatening situation, call 111 free from any phone to speak to an NHS adviser. The 24-hour NHS 111 service can give you healthcare advice or direct you to the local service that can help you best.

The NHS 111 service will also be available via the harmonised European number for medical advice 116 117

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification**

**Physical hazards**

Not Classified

**Health hazards**

STOT SE 3 - H336

**Environmental hazards**

Not Classified

Classification (67/548/EEC or 1999/45/EC)

**2.2. Label elements**

**Pictogram**

## Topaz



<b>Signal word</b>	Warning
<b>Hazard statements</b>	H336 May cause drowsiness or dizziness.
<b>Precautionary statements</b>	P261 Avoid breathing vapour/spray. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P501 Dispose of contents/container in accordance with national regulations.
<b>Contains</b>	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics
<b>Detergent labelling</b>	< 5% perfumes
<b>Supplementary precautionary statements</b>	P312 Call a POISON CENTER/doctor if you feel unwell.

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	20-30%
CAS number: 64742-48-9 EC number: 919-857-5 REACH registration number: 01-2119463258-33-XXXX	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 3 - H226	Xn;R65. R10,R66,R67.
STOT SE 3 - H336	
Asp. Tox. 1 - H304	

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Treat symptomatically.

#### Inhalation

Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

#### Ingestion

Remove affected person from source of contamination. Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Keep affected person under observation. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues. Consult a physician for specific advice.

#### Skin contact

Remove affected person from source of contamination. Remove contaminated clothing. Rinse immediately with plenty of water. Use suitable lotion to moisturise skin. Get medical attention if irritation persists after washing.

#### Eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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

#### General information

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

#### Inhalation

Coughing, chest tightness, feeling of chest pressure.

## Topaz

### Ingestion

May cause discomfort if swallowed. May cause stomach pain or vomiting.

### Skin contact

Prolonged contact may cause redness, irritation and dry skin.

### Eye contact

May cause blurred vision and serious eye damage.

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

#### Notes for the doctor

No specific recommendations. If in doubt, get medical attention promptly.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### Suitable extinguishing media

The product is not flammable. The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.

### **5.2. Special hazards arising from the substance or mixture**

#### Specific hazards

The product is non-combustible. Irritating gases or vapours. Thermal decomposition or combustion products may include the following substances: Acrid smoke or fumes. Oxides of the following substances: Carbon. No unusual fire or explosion hazards noted.

#### Hazardous combustion products

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

### **5.3. Advice for firefighters**

#### Protective actions during firefighting

Avoid breathing fire gases or vapours. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

#### Special protective equipment for firefighters

Wear chemical protective suit. Use air-supplied respirator, gloves and protective goggles. Use protective equipment appropriate for surrounding materials.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

#### Personal precautions

For personal protection, see Section 8.

### **6.2. Environmental precautions**

#### Environmental precautions

Do not discharge into drains or watercourses or onto the ground. To prevent release, place container with damaged side up. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Contain spillage with sand, earth or other suitable non-combustible material.

### **6.3. Methods and material for containment and cleaning up**

#### Methods for cleaning up

Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Stop leak if possible without risk. Large Spillages: Dike far ahead of larger spills for later disposal. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Flush contaminated area with plenty of water. Take care as floors and other surfaces may become slippery. Flush contaminated area with plenty of water. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer. Small Spillages: Flush away spillage with plenty of water. Wash thoroughly after dealing with a spillage. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible.

### **6.4. Reference to other sections**

#### 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**

#### Usage precautions

## Topaz

Read and follow manufacturer's recommendations. Avoid spilling. Avoid contact with skin and eyes. Good personal hygiene procedures should be implemented. Follow instructions and ensure correct dilution of this product before use.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep above the chemical's freezing point to avoid rupturing the container.

#### Storage class

Chemical storage.

### 7.3. Specific end use(s)

#### 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

#### Occupational exposure limits

#### **Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics**

Long-term exposure limit (8-hour TWA): WEL 1000 mg/m<sup>3</sup>

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

WEL = Workplace Exposure Limit

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

DNEL

Industry - Dermal; Long term : 208 mg/kg/day  
 Industry - Inhalation; Long term : 871 mg/kg/day  
 Consumer - Dermal; Long term : 125 mg/kg/day  
 Consumer - Inhalation; Long term : 185 mg/kg/day  
 Consumer - Oral; Long term : 125 mg/kg/day

#### **Beeswax (CAS: 8012-89-3)**

#### Ingredient comments

No exposure limits known for ingredient(s).

#### **Stearic Acid (CAS: 67701-03-5)**

#### Ingredient comments

No exposure limits known for ingredient(s).

#### **STODDARD SOLVENT; LOW BOILING POINT NAPHTHA - UNSPECIFIED (CAS: 8052-41-3)**

#### Ingredient comments

No exposure limits known for ingredient(s).

#### **Dimethyl Siloxane, ho term rxn methyltrimethoxysilane & amionethylaninopropyltrimethoxysilane (CAS: 69430-37-1)**

#### Ingredient comments

No exposure limits known for ingredient(s).

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

No specific ventilation requirements. This product must not be handled in a confined space without adequate ventilation.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear protective gloves made of the following material: Rubber (natural, latex). Polyvinyl chloride (PVC). Nitrile rubber. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. The breakthrough time for any glove material may be different for

## Topaz

different glove manufacturers. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended. Use thin cotton gloves inside the rubber gloves if allergy risk.

### Other skin and body protection

Provide eyewash station.

### Hygiene measures

Provide eyewash station. 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 contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

### Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Seek advice from supervisor on the company's respiratory protection standards. If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Combination filter, type A2/P3.

---

## SECTION 9: Physical and Chemical Properties

---

### 9.1. Information on basic physical and chemical properties

#### Appearance

Viscous liquid.

#### Colour

Purple.

#### Odour

Characteristic.

#### Odour threshold

Not available. Not available.

#### pH

pH (concentrated solution): ~ 7.0 pH (diluted solution): ~ 7.0 @ 1%

#### Melting point

~ 0°C

#### Initial boiling point and range

~100°C @°C @ 760 mm Hg

#### Flash point

~ 62°C CC (Closed cup).

#### Evaporation rate

Not available.

#### Upper/lower flammability or explosive limits

Not available. : :

#### Vapour pressure

Not applicable.

#### Vapour density

Not applicable.

#### Relative density

~ 1.000 @ 20°C

#### Solubility(ies)

Soluble in water. Miscible with water.

#### Partition coefficient

Not available.

#### Auto-ignition temperature

Not applicable.

#### Decomposition Temperature

Not available.

#### Viscosity

~ 9,000 cSt @ 20°C

#### Oxidising properties

Does not meet the criteria for classification as oxidising.

#### Comments

## Topaz

Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.

### 9.2. Other information

#### **Volatile organic compound**

This product contains a maximum VOC content of 230 g/litre.

---

## **SECTION 10: Stability and reactivity**

---

### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

#### **Stability**

No particular stability concerns. Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

Not applicable. Will not polymerise.

### 10.4. Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation. Avoid excessive heat for prolonged periods of time. Avoid freezing.

### 10.5. Incompatible materials

#### **Materials to avoid**

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

Oxides of carbon. 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**

There is no evidence that the product can cause cancer. IARC Int. Agency for Cancer Research. IARC Not Listed. OSHA Not Regulated. NTP Not Listed.

#### **Skin corrosion/irritation**

##### **Human skin model test**

Scientifically unjustified.

##### **Extreme pH**

= 11.5 Classification based on Conventional Method, and In Vitro Approaches - Corrosive or Irritant by measuring pH and Acid/Alkali Reserve. Irritating.

#### **Skin sensitisation**

Not sensitising.

#### **General information**

This product has low toxicity. Only large quantities are likely to have adverse effects on human health.

#### **Inhalation**

May cause respiratory system irritation.

#### **Ingestion**

May cause discomfort if swallowed.

#### **Skin contact**

Prolonged contact may cause dryness of the skin.

#### **Eye contact**

Irritating to eyes. Risk of serious damage to eyes.

#### **Acute and chronic health hazards**

No specific long-term effects known. 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. Skin and/or eye contact

#### **Medical symptoms**

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

## Topaz

### Medical considerations

Skin disorders and allergies.

#### Toxicological information on ingredients.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

#### Other health effects

There is no evidence that the product can cause cancer.

#### Acute toxicity - oral

Acute toxicity oral (LD mg/kg)

5,000

#### Species

Rat

#### Acute toxicity - dermal

Acute toxicity dermal (LD mg/kg)

5000

#### Species

Rabbit

#### Polydimethylsiloxane

#### Acute toxicity - oral

Acute toxicity oral (LD mg/kg)

5,000

#### Species

Rat

#### Acute toxicity - dermal

Acute toxicity dermal (LD mg/kg)

2000

#### Species

Rat

#### Skin sensitisation

Not sensitising.

## SECTION 12: Ecological Information

### Ecotoxicity

The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment. The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms. The product is not expected to be hazardous to wastewater treatment processes. The product does not contain organic complexing agents with a DOC level of degradation of < 80% after 28 days. The product does not contain organically bound halogen.

#### Ecological information on ingredients.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

#### Ecotoxicity

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

#### Polydimethylsiloxane

#### Ecotoxicity

The product is not expected to be hazardous to the environment.

### 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.

## Topaz

### Acute toxicity - terrestrial

Not determined.

#### Ecological information on ingredients.

##### Polydimethylsiloxane

#### Acute toxicity - fish

Not toxic at limit of water solubility.

### **12.2. Persistence and degradability**

#### **Persistence and degradability**

The product is biodegradable. The surfactant(s) contained in this product 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.

#### Ecological information on ingredients.

##### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

#### Persistence and degradability

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

##### Polydimethylsiloxane

#### Persistence and degradability

The product is not readily biodegradable.

### **12.3. 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

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

##### Polydimethylsiloxane

The product is not bioaccumulating.

### **12.4. Mobility in soil**

#### **Mobility**

The product is soluble in water.

#### Ecological information on ingredients.

##### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

#### Mobility

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

##### Polydimethylsiloxane

#### Mobility

The product is non-volatile. The product has poor water-solubility.

### **12.5. Results of PBT and vPvB assessment**

This product does not contain any substances classified as PBT or vPvB.

#### Ecological information on ingredients.

##### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

This substance is not classified as PBT or vPvB according to current EU criteria.

### **12.6. Other adverse effects**

Not applicable.

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

#### **General information**



## Topaz

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. Discharge of small quantities to the sewer with plenty of water may be permitted. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer. Larger quantities should be treated in a suitable plant or disposed of via a licensed waste disposal contractor. 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, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

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

---

## SECTION 15: Regulatory information

---

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

#### National regulations

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

#### EU legislation

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) (as amended). 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 (as amended). Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).

#### Guidance

Workplace Exposure Limits EH40. Safety Data Sheets for Substances and Preparations.

#### Water hazard classification

WGK 0

### 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. This product has been manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems.

### Classification procedures according to Regulation (EC) 1272/2008

: Calculation method.

### Revision comments

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

## Topaz

<b>Issued by</b>	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
<b>Revision date</b>	26/02/2015
<b>Revision</b>	1
<b>SDS number</b>	21004
<b>SDS status</b>	Approved.
<b>Risk phrases in full</b>	NC Not classified.
<b>Hazard statements in full</b>	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.