



## SAFETY DATA SHEET

## Preptone

**1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

PRODUCT NAME	Preptone
PRODUCT NO.	027-5
APPLICATION	Cleaning agent
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
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)

**2 HAZARDS IDENTIFICATION**

Flammable. Harmful by inhalation and in contact with skin. Irritating to skin.

CLASSIFICATION (1999/45) Xn;R20/21. Xi;R38. R10.

**PHYSICAL AND CHEMICAL HAZARDS**

Considering the limited amount applied during use and the size of the container, the risk of adverse effects is considered small.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content	Classification (67/548)
XYLENE	215-535-7	1330-20-7	60-100%	R10 Xn;R20/21 Xi;R38

The Full Text for all R-Phrases are Displayed in Section 16

**4 FIRST-AID MEASURES****INHALATION**

Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. If breathing stops, provide artificial respiration. Keep the affected person warm and at rest. Get prompt medical attention.

**INGESTION**

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Provide rest, warmth and fresh air. Get medical attention immediately! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

**SKIN CONTACT**

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

**EYE CONTACT**

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

**5 FIRE-FIGHTING MEASURES****EXTINGUISHING MEDIA**

Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc. Carbon dioxide (CO<sub>2</sub>).

**SPECIAL FIRE FIGHTING PROCEDURES**

Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

## Preptone

### UNUSUAL FIRE & EXPLOSION HAZARDS

Vapours are heavier than air and may spread near ground to sources of ignition. May travel considerable distance to source of ignition and flash back.

### PROTECTIVE MEASURES IN FIRE

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

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

For personal protection, see section 8.

### ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

### SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. 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. Clean-up personnel should use respiratory and/or liquid contact protection.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. During application and drying, solvent vapours will be emitted. Static electricity and formation of sparks must be prevented.

### STORAGE PRECAUTIONS

Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

### STORAGE CLASS

Flammable liquid storage.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
XYLENE	WEL	50 ppm	220 mg/m <sup>3</sup>	100 ppm	441 mg/m <sup>3</sup>	Sk

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

### PROTECTIVE EQUIPMENT



### PROCESS CONDITIONS

Provide eyewash station.

### ENGINEERING MEASURES

No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation. Observe occupational exposure limits and minimize the risk of inhalation of vapours.

### RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided. Wear mask supplied with: Gas cartridge suitable for organic substances. In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with combination filter (type A2/P3). Change filters frequently. Consult instructions before use.

### HAND PROTECTION

Protective gloves should be used if there is a risk of direct contact or splash. 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. Be aware that the liquid may penetrate the gloves. Frequent change is advisable.

### EYE PROTECTION

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

### OTHER PROTECTION

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

**Preptone****HYGIENE MEASURES**

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

**SKIN PROTECTION**

Wear apron or protective clothing in case of splashes.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Liquid		
COLOUR	Clear Colourless		
ODOUR	Solvent. Aromatic.		
SOLUBILITY	Insoluble in water		
MOL. WEIGHT	106	BOILING POINT (°C)	~135
MELTING POINT (°C)	< - 20	RELATIVE DENSITY	~0.860 (20°C)
VAPOUR DENSITY (air=1)	3.7	VAPOUR PRESSURE	1.3 kPa (20°C)
EVAPORATION RATE	0.7 BuAc=1	VISCOSITY	0.6 mPas (20°C)
FLASH POINT (°C)	~ 25 CC (Closed cup).	AUTO IGNITION	480
FLAMMABILITY LIMIT - LOWER(%)	1	TEMPERATURE (°C)	
VOLATILE ORGANIC COMPOUND (VOC)	860 g/litre	FLAMMABILITY LIMIT - UPPER(%)	9

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Avoid contact with acids and oxidising substances.

**HAZARDOUS POLYMERISATION**

Will not polymerise.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

**11 TOXICOLOGICAL INFORMATION**

TOXIC DOSE 1 - LD 50	4300 mg/kg (oral rat)
TOXIC DOSE 2 - LD 50	2119 mg/kg (oral-mouse)

**GENERAL INFORMATION**

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

**INHALATION**

Harmful by inhalation. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

**INGESTION**

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

**SKIN CONTACT**

Harmful in contact with skin. Irritating to skin. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. May be absorbed through the skin.

**EYE CONTACT**

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

**ROUTE OF ENTRY**

Inhalation. Skin absorption. Ingestion. Skin and/or eye contact.

**TARGET ORGANS**

Blood Central nervous system Eyes Gastro-intestinal tract Kidneys Liver Respiratory system, lungs

**MEDICAL SYMPTOMS**

Skin contact may cause: Skin irritation. Allergic rash. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Irritation of eyes and mucous membranes. Ingestion may cause: Severe abdominal pain. Nausea, vomiting. If swallowed, especially in large quantities: Unconsciousness, possibly death.

Name	XYLENE
Toxic Dose 1 - LD 50	4300 mg/kg (oral rat)

**12 ECOLOGICAL INFORMATION**

**Preptone****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.

**MOBILITY**

The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces. The product is insoluble in water.

**BIOACCUMULATION**

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

**DEGRADABILITY**

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

**WATER HAZARD CLASSIFICATION****WGK 2**

Name	XYLENE
LC 50, 96 Hrs, FISH mg/l	8.4
EC 50, 48 Hrs, DAPHNIA, mg/l	4.7

**Mobility**

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

**Bioaccumulation potential**

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

**Degradability**

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

**13 DISPOSAL CONSIDERATIONS****GENERAL INFORMATION**

Rags and the like, moistened with flammable liquids, must be discarded into designated fireproof bucket. The packaging must be empty (drop-free, when inverted)

**DISPOSAL METHODS**

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

**14 TRANSPORT INFORMATION**

UK ROAD CLASS	3	UK ROAD PACK GR.	III
PROPER SHIPPING NAME	XYLENES	ADR CLASS	Class 3: Flammable liquids.
UN NO. ROAD	1307	TUNNEL RESTRICTION CODE	(D/E)
ADR CLASS NO.	3	ADR LABEL NO.	3
ADR PACK GROUP	III	CEFIC TEC(R) NO.	30GF1-III
HAZARD No. (ADR)	30	RID PACK GROUP	III
HAZCHEM CODE	3Y	IMDG CLASS	3
RID CLASS NO.	3	IMDG PACK GR.	III
UN NO. SEA	1307	UN NO. AIR	1307
IMDG PAGE NO.	53 (vol 2)	AIR PACK GR.	III
EMS	F-E, S-D		
AIR CLASS	3		

**15 REGULATORY INFORMATION****LABELLING**

Harmful

**Preptone**

CONTAINS XYLENE

## RISK PHRASES

R10 Flammable.  
R38 Irritating to skin.  
R20/21 Harmful by inhalation and in contact with skin.

## SAFETY PHRASES

S23 Do not breathe vapour/spray.  
S24 Avoid contact with skin.  
S36/37 Wear suitable protective clothing and gloves.  
S51 Use only in well-ventilated areas.  
S35 This material and its container must be disposed of in a safe way.

## EU DIRECTIVES

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.

## APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations.

## GUIDANCE NOTES

Workplace Exposure Limits EH40.

## 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.

**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.

## REVISION COMMENTS

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

REVISION DATE 13/10/2010

REV. NO./REPL. SDS GENERATED 2

## RISK PHRASES IN FULL

R10 Flammable.  
R20/21 Harmful by inhalation and in contact with skin.  
R38 Irritating to skin.

## 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.