

SAFETY DATA SHEET BARTOLINE TX 10 PAINT AND VARNISH STRIPPER

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

1.1. Product identifier

Product name BARTOLINE TX 10 PAINT AND VARNISH STRIPPER
REACH Registration number NOT APPLICABLE AS THIS PRODUCT IS A MIXTURE

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

Identified uses FOR USE AS A SPECIALIST SURFACE COATING REMOVER SU 3 - INDUSTRIAL USES SU 21 - CONSUMER USES SU 22 - PROFESSIONAL USES PC9a - COATINGS AND PAINTS, THINNERS
Uses advised against Any other use than described above.

1.3. Details of the supplier of the safety data sheet

Supplier Bartoline limited
Barmston Close
Beverley
East Yorkshire
HU17 0LW
01482 678710
01482 872606
HSE MANAGER
www.bartoline.co.uk

1.4. Emergency telephone number

01482 678727 0800-1700 Monday to Friday NHS Direct (General Public & Workers) 0845 4647

National Emergency Telephone Number

National Poisons Information Service (24hours) 0844 892 0111

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards Not classified.
Human health Acute Tox. 4 - H302; Acute Tox. 4 - H332
Environment Not classified.

Classification (1999/45/EEC)

Xn; R20/22.

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

Environment

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

2.2. Label elements

Contains BENZYL ALCOHOL

Label In Accordance With (EC) No. 1272/2008



Signal Word Warning

Hazard Statements

H302 Harmful if swallowed.
H332 Harmful if inhaled.

Precautionary Statements

P271 Use only outdoors or in a well-ventilated area.

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P501	Dispose of contents/container to ...
P270	Do not eat, drink or smoke when using this product.
P261	Avoid breathing vapour/spray.
P264	Wash contaminated skin thoroughly after handling.
P301+312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P330	Rinse mouth.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

BENZYL ALCOHOL		30-60%
CAS-No.: 100-51-6	EC No.: 202-859-9	Registration Number: 01-2119492630-38-XXXX
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H332	Classification (67/548/EEC) Xn;R20/22	

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

REACH Registration number NOT APPLICABLE AS THIS PRODUCT IS A MIXTURE

Ingredient notes

This product is a mixture and the only hazardous ingredient is listed above.

Composition Comments

The data shown are in accordance with the latest EC Directives.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

Ingestion

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

Skin contact

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

Eye contact

Remove victim immediately from source of exposure. 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.

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.

Absorption through the lungs can occur causing symptoms similar to those of ingestion.

Ingestion

There may be soreness and redness of the mouth and throat. There may be difficulty in swallowing. Nausea and stomach pain may occur.

There may be vomiting.

Skin contact

Prolonged skin contact may cause redness and irritation.

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Eye contact

Irritating and may cause redness and pain.

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

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

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.

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

Specific hazards

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

5.3. Advice for firefighters

Special Fire Fighting Procedures

No specific fire fighting procedure given. 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

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer.

6.4. Reference to other sections

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, cool and well-ventilated place. Keep in original container.

Storage Class

Miscellaneous hazardous material storage.

7.3. Specific end use(s)

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

Usage Description

Ensure adequate ventilation of work area and prevent build up of dust. If this is not possible then suitable extraction should be employed near to the emission point. Keep containers closed when not in use. Keep out of reach of children. Apply "common sense" measures when using this product. Always follow on pack instructions when using this product. Avoid all contact with skin and eyes.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

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Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
		No std.	No std.	No std.	No std.	
BENZYL ALCOHOL	WEL	No std.	No std.	No std.	No std.	

WEL = Workplace Exposure Limit.

BENZYL ALCOHOL (CAS: 100-51-6)

DNEL

Industry	Dermal	Short Term	Systemic Effects	47 mg/kg/day
Industry	Inhalation.	Short Term	Systemic Effects	450 mg/m ³
Industry	Dermal	Long Term	Systemic Effects	9.5 mg/kg/day
Industry	Inhalation.	Long Term	Systemic Effects	90 mg/m ³

PNEC

Industry	Freshwater	Long Term	1 mg/l
Industry	Marinewater	Long Term	0.1 mg/l
Water	Intermittent release	2.3	mg/l
STP	Long Term	39	mg/l
Sediment (Freshwater)	Long Term	5.27	mg/kg
Sediment (Marinewater)	Long Term	0.527	mg/kg
Soil	Long Term	0.456	mg/kg

8.2. Exposure controls

Protective equipment



Process conditions

Use engineering controls to reduce air contamination to permissible exposure level.

Engineering measures

Provide adequate general and local exhaust ventilation.

Respiratory equipment

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

Hand protection

Protective gloves should be used if there is a risk of direct contact or splash. Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin. Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable.

Eye protection

Where there is a risk of splashes to the eyes it is recommended that safety glasses/goggles approved to EN166 standard are worn.

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. Promptly remove any clothing that becomes contaminated. 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	Viscous liquid.
Colour	White / off-white.
Odour	Slight odour. Almond.
Solubility	Soluble in water.
Initial boiling point and boiling range	198 - 230 Figure quoted is for the mixture as a whole.
Melting point (°C)	-15 The figure quoted is for the hazardous ingredient Benzyl Alcohol.
Relative density	1.06g/l

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The density quoted is for the mixture as a whole.

Bulk Density

Not relevant

Vapour density (air=1) 3.7

The figure quoted is for the hazardous ingredient Benzyl Alcohol.

Vapour pressure 3.75 mm Hg 77 deg C

The figure quoted is for the hazardous ingredient Benzyl Alcohol.

Evaporation rate

No information required.

Scientifically unjustified.

Evaporation Factor

No information available.

pH-Value, Conc. Solution 3.9 - 4.5

Figure quoted is for the mixture as a whole.

pH-Value, Diluted Solution

Not applicable.

Viscosity 100 (spindle TC Speed 10)

Figure quoted is for the mixture as a whole.

Solubility Value (G/100G H₂O@20°C)

Not determined.

Scientifically unjustified.

Decomposition temperature (°C) 100

Figure quoted is for the mixture as a whole.

Odour Threshold, Lower 5.5

Figure quoted is for the mixture as a whole.

Odour Threshold, Upper

No information available.

Flash point 100 CC (Closed cup).

Figure quoted is for the mixture as a whole. (calculated)

Auto Ignition Temperature (°C) 436

The figure quoted is for the hazardous ingredient Benzyl Alcohol.

Flammability Limit - Lower(%) 1.3

The figure quoted is for the hazardous ingredient Benzyl Alcohol.

Flammability Limit - Upper(%) 13

The figure quoted is for the hazardous ingredient Benzyl Alcohol.

Partition Coefficient

(N-Octanol/Water)

No information available.

Explosive properties

Not Explosive

Explosive under influence of flame.

No

More sensitive to shock than m-dinitrobenzene.

No.

More sensitive to friction than m-dinitrobenzene.

No.

Solid/Liquid Ignition On Contact With Air.

No.

Oxidising properties

Does not meet the criteria for oxidising.

Comments

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

SECTION 10: STABILITY AND REACTIVITY

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10.1. Reactivity

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

Burning generates CO, CO₂ and acrid smoke.

Hazardous Polymerisation

Will not polymerise.

10.4. Conditions to avoid

Avoid heat. Avoid contact with strong oxidisers.

10.5. Incompatible materials

Materials To Avoid

Acids, oxidising.

10.6. Hazardous decomposition products

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

The figure quoted on LD 50 are for the hazardous ingredient Benzyl Alcohol.

General information

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

Health Warnings

No specific health warnings noted. The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed.

Target Organs

Skin Eyes Respiratory system, lungs

Toxicological information on ingredients.

BENZYL ALCOHOL (CAS: 100-51-6)

Acute toxicity:

Acute Toxicity (Oral LD50)

~ 1620 mg/kg Rat

Acute Toxicity (Dermal LD50)

~ 2000 mg/kg Rabbit

Acute Toxicity (Inhalation LC50)

> 4178 mg/l (vapours) Rat 4 hours

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

No negative effects on the aquatic environment are known.

12.1. Toxicity

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Ecological information on ingredients.

BENZYL ALCOHOL (CAS: 100-51-6)

Acute Toxicity - Fish

LC50 96 hours ~ 460 mg/l Pimephales promelas (Fat-head Minnow)

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours ~ 230 mg/l Daphnia magna

OECD 202

Acute Toxicity - Aquatic Plants

EC50 72 hours ~ 700 mg/l Selenastrum capricornutum

12.2. Persistence and degradability

Degradability

The product is biodegradable.

No bioaccumulation potential.

12.3. Bioaccumulative potential

Bioaccumulative potential

The product is not bioaccumulating.

Partition coefficient

No information available.

12.4. Mobility in soil

Mobility:

Readily absorbed into soil

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product. Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

13.1. Waste treatment methods

Waste material is classified as hazardous waste and should be disposed of by incineration or collected by a registered waste disposal company, operating within the scope of the Hazardous waste Regulations 2005 in the UK or local equivalent regulations in other countries.

Waste Class

When this product, in its liquid state, as supplied becomes waste it should be disposed of as hazardous waste using the waste code 08 01 11 waste paint and varnish containing organic solvents or other dangerous substances. When used the removed sludge should be disposed of using waste code 08 01 13 sludges from paint and varnish remover containing organic solvents or other dangerous substances. Empty used containers should be disposed of as waste code 15 01 10 packaging containing residues of or contaminated by dangerous substances. These codes have been assigned based on the actual composition of the product both as supplied and as dried residues. If mixed with other wastes, the waste codes quoted may not be applicable.

SECTION 14: TRANSPORT INFORMATION

General

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

14.1. UN number

UN No. (ADR/RID/ADN) 0

14.2. UN proper shipping name

14.3. Transport hazard class(es)

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14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

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

Uk Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. Health and Safety at Work Act 1974.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

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), 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.

National Regulations

Workplace Exposure Limits 2005 (EH40) Health and Safety at Work Act (As Amended) 1974 Control of Substances Hazardous to Health Regulations 2002 (as amended) The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007). 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. Users of this product are reminded of their duties under the current Control of Substances Hazardous to Health Regulations and a suitable and sufficient assessment of all the risk should be undertaken before using this product. The guidelines given in the HSE publication COSHH ESSENTIALS - Easy Steps To Control Chemicals gives sound advice for deciding safe working control measures.

Authorisations (Title VII Regulation 1907/2006)

No specific authorisations are noted for this product.

Restrictions (Title VIII Regulation 1907/2006)

No specific restrictions of use are noted for this product.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Date 31/08/2010

Revision 1

Supersedes date 19/11/2012

Risk Phrases In Full

R20/22 Harmful by inhalation and if swallowed.

Hazard Statements In Full

H332 Harmful if inhaled.

H302 Harmful if swallowed.

Disclaimer

The information contained in this data sheet is provided in accordance with the requirements of the Regulation (EC) No 1907/2006 (REACH) and Regulation (EC) No 1272/2008 (CLP) The product should not be used for purposes other than those shown in Section 1.2. As the specific conditions of use are outside the suppliers control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. The information contained in this safety data sheet is based on the present knowledge and the current EC and Uk Legislation. It provides guidance on health, safety and environmental aspects of the product and should not be taken as a product specification.