



...advanced chemical solutions for industry...

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/3

EP 11051 TRAIN WASH

Revision 0

Revision date 2011-04-13

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

1.1. Product identifier

Product name EP 11051 TRAIN WASH

1.3. Details of the supplier of the safety data sheet

Company	Assured Solutions Ltd
Address	Unit H Westminster Industrial Estate Measham Derbyshire DE12 7DS
Web	www.chemicalsuppliers.uk.com
Telephone	+44 (0)1530 272922
Fax	+44 (0)1530 272921
Email	sales@assuredsolutionsltd.co.uk

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC Xi; R41

Main hazards Risk of serious damage to eyes.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EINECS No.	REACH Registration Number	Conc. (%w/w)	Classification
V1 ACID		506-89-8			1 - 10%	Xn; R22 Xi; R38-41
Butan-1-ol	603-004-00-6	71-36-3	200-751-6		0 - 0.5%	R10 Xn; R22 Xi; R37/38-41 R67

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.
Eye contact	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

EP 11051 TRAIN WASH

Revision 0

Revision date 2011-04-13

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Carbon dioxide (CO2).

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation of the working area. Wear suitable protective equipment.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****8.1.1. Exposure Limit Values**

Butan-1-ol	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -
	WEL 15 min limit ppm: 50	WEL 15 min limit mg/m3: 154

8.2. Exposure controls**8.2.1. Appropriate engineering controls**

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear chemical protective clothing.

Eye / face protection

Approved safety goggles.

Skin protection - Handprotection

Chemical resistant gloves (PVC).

Respiratory protection

Wear: Suitable respiratory equipment.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

State	Liquid
Colour	Clear
Odour	Mild
Solubility	Soluble in water

SECTION 10: Stability and reactivity**10.2. Chemical stability**

Stable under normal conditions.

EP 11051 TRAIN WASH

Revision 0

Revision date 2011-04-13

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Skin corrosion/irritation	Causes severe inflammation and may damage the cornea.
----------------------------------	---

SECTION 12: Ecological information**12.3. Bioaccumulative potential**

	Does not bioaccumulate.
--	-------------------------

SECTION 13: Disposal considerations**General information**

	Dispose of in compliance with all local and national regulations.
--	---

SECTION 14: Transport information**Further information**

Further information	The product is not classified as dangerous for carriage.
----------------------------	--

SECTION 15: Regulatory information**Labelling****Symbols**

	The product is classified in accordance with 67/548/EEC.
--	--

	Xi: Irritant.
--	---------------

**Risk phrases**

	R41 - Risk of serious damage to eyes.
--	---------------------------------------

Safety phrases

	S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
--	---

	S39 - Wear eye/face protection.
--	---------------------------------

SECTION 16: Other information**Other information****Text of risk phrases in Section 3**

	R10 - Flammable
--	-----------------

	R20/22 - Harmful by inhalation and if swallowed.
--	--

	R22 - Harmful if swallowed.
--	-----------------------------

	R36 - Irritating to eyes.
--	---------------------------

	R37/38 - Irritating to respiratory system and skin.
--	---

	R38 - Irritating to skin.
--	---------------------------

	R41 - Risk of serious damage to eyes.
--	---------------------------------------

	R52 - Harmful to aquatic organisms.
--	-------------------------------------

	R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
--	--

	R67 - Vapours may cause drowsiness and dizziness.
--	---

Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.
--	--