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COSHH ASSESSMENT



Medium Hazard

Location

Company	ASSURED SOLUTIONS LTD UNIT H, WESTMINSTER INDUSTRIAL ESTATE, MEASHAM, SWADLINCOTE, DE12 7DS, UNITED KINGDOM
Telephone	01530 272922

Process

Process Name	general handling
Task	MANUFACTURING, FILLING AND LABELLING
Quantity	Medium (L)
Daily Occurrence	2
Task Duration (Minutes)	60

Identification of the product

Product name	EP 16043 HEAVY DUTY CLEANER		
Appearance	Aqueous solution		
Colour	Various		
Odour	Characteristic		
Ingredients	EC 1272/2008		
	Chemical Name	Conc. (%w/w)	Classification
	WATER	70 - 80%	
	trisodium nitrilotriacetate	0 - 0.5%	Carc. 2: H351; Acute Tox. 4: H302; Eye Irrit. 2: H319;
	2 BUTOXY ETHANOL (2-Butoxyethanol)	10 - 20%	Acute Tox. 4: H302; Acute Tox. 4: H312; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Acute Tox. 4: H332;
	ALCOHOL ETHOXYLATE	1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;
	TETRA POTASSIUM PYROPHOSPHATE	1 - 10%	Eye Irrit. 2: H319;
	POTASSIUM SALT OF ARYL ETHER PHOSPHATE ESTER	0.5 - 1%	Skin Irrit. 2: H315; Eye Irrit. 2: H319;
	PROPYLENE GLYCOL (Propane-1,2-diol total vapour and particulates)	0 - 0.5%	
	Sodium hydroxide	0 - 0.5%	Skin Corr. 1A: H314;
	DYE	0 - 0.5%	

Supplier

Company	No data available
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Symbols

Hazard pictograms	
Signal Word	Danger.

Exposure hazards

Hazard Statement	Skin Irrit. 2: H315 - Causes skin irritation. Eye Dam. 1: H318 - Causes serious eye damage.
Precautionary Statement: Prevention	P264 - Wash hands thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Exposure hazards

Precautionary Statement: Response	P302+P352 - IF ON SKIN: Wash with plenty of water/ . P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to requirements of local authorities.

First aid

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

Fire hazards

Extinguishing media	Carbon dioxide (CO2).
Fire hazards	Burning produces irritating, toxic and obnoxious fumes.
Protective equipment	Wear suitable respiratory equipment when necessary.

Accidental release measures

Personal precautions	Wear suitable protective equipment. Adopt best Manual Handling considerations when handling, carrying and dispensing.
Environmental precautions	Do not allow product to enter drains. Prevent further spillage if safe.
Clean up methods	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

Exposure limits

Exposure limits					
2 BUTOXY ETHANOL (2-Butoxyethanol)		WEL 8-hr limit ppm: 25	WEL 8-hr limit mg/m3: 123		
		WEL 15 min limit ppm: 50	WEL 15 min limit mg/m3: 101.2		
		WEL 8-hr limit mg/m3 total inhalable dust: -	WEL 15 min limit mg/m3 total inhalable dust: -		
		WEL 8-hr limit mg/m3 total respirable dust: -	WEL 15 min limit mg/m3 total respirable dust: -		
	PROPYLENE GLYCOL (Propane-1,2-diol total vapour and particulates)	WEL 8-hr limit ppm: 150	WEL 8-hr limit mg/m3: 474		
		WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -		
		WEL 8-hr limit mg/m3 total inhalable dust: -	WEL 15 min limit mg/m3 total inhalable dust: -		
		WEL 8-hr limit mg/m3 total respirable dust: -	WEL 15 min limit mg/m3 total respirable dust: -		
		PROPYLENE GLYCOL (Propane-1,2-diol particulates)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 10	
			WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -	
	WEL 8-hr limit mg/m3 total inhalable dust: -		WEL 15 min limit mg/m3 total inhalable dust: -		
	WEL 8-hr limit mg/m3 total respirable dust: -		WEL 15 min limit mg/m3 total respirable dust: -		
Sodium hydroxide	WEL 8-hr limit ppm: -		WEL 8-hr limit mg/m3: -		
	WEL 15 min limit ppm: -		WEL 15 min limit mg/m3: 2		
	WEL 8-hr limit mg/m3 total inhalable dust: -	WEL 15 min limit mg/m3 total inhalable dust: -			
	WEL 8-hr limit mg/m3 total respirable dust: -	WEL 15 min limit mg/m3 total respirable dust: -			
		WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -		
		WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: 2		

Control parameters

Protective equipment	No safety clothing required.
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Respiratory protection	Not normally required.
Hand protection	Chemical resistant gloves (PVC).
Eye protection	Approved safety goggles.
Handling	Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.
Engineering measures	Not normally required.

Notes

Authorised By

SAFETY DATA SHEET	Revision 0	Revision date 2016-05-13
Company	Assured Solutions Ltd Unit H, Westminster Industrial Estate, Measham, Derbyshire, DE12 7DS	
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