

SAFETY DATA SHEET**PRODUCT NAME:** Accepta 2324**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY**

Chemical Identity Aqueous solution of potassium hydroxide, sulphite, phosphate and polymer
 Recommended use: Oxygen scavenger

Supplier Accepta Ltd
 Statham House
 Talbot Rd
 Manchester, M32 0FP, UK
 Tel: +44(0)161 877 2334 Fax: +44 (0)870 135 6389
 Email for product and safety data sheets: info@accepta.com

Emergency telephone +44 (0)161 877 2334

2. COMPOSITION/INFORMATION ON INGREDIENTS CONTRIBUTING TO HAZARD CLASSIFICATION AND/OR HAVE COMMUNITY WORKPLACE EXPOSURE LIMITS

	CAS No	Contents	Health (class)	Risk(R)
Product contains: Potassium hydroxide	001310-58-3	2-5%	Xn, C	R22, 35
Sodium bisulphite	7681-57-4	15-17%	Xn	R22, 41, 31

3. HAZARD IDENTIFICATION OF PREPARATION

Symbol(s) C Risk Phrase(s) R31, R34, R41
 Physical/chemical hazards: Reducing agent. Contact with acids liberates toxic gas
 Environmental hazards: Depletes oxygen content of water
 Human health hazards: Causes burns and may cause serious damage to eyes.

4. FIRST AID MEASURE

General Instructions: In all cases of doubt, or when symptoms persist, seek more advice. Remove from exposure, rest and keep warm. Seek medical attention, treat symptomatically.
 Skin Contact: Drench affected area with plenty of water, remove contaminated clothing immediately. Seek medical attention.
 Eye Contact: Irrigate the eyes thoroughly with water for at least 15 minutes, holding the eyelids apart if necessary. Obtain medical attention.
 Ingestion: Wash out mouth with water and give plenty of water to drink. DO NOT induce vomiting. Obtain medical attention.

5. FIRE FIGHTING MEASURE

Extinguishing Media Water, dry powder, foam, carbon dioxide (CO₂)
 Unsuitable Extinguishing Media None
 Hazardous Combustion Products Contact with certain metals liberates highly flammable hydrogen gas which may generate toxic and explosive fumes on a fire.
 Special equipment for fire fighting Fire fighters should wear self contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Wear personal protective clothing. Avoid contact with the product
 Environmental Precautions Do not allow to enter water course or drains
 Clean up Procedure Small spillages - Can be washed to drain with plenty of water
 Large spillages - Should be absorbed with a suitable material the rest must be washed to drain

7. HANDLING AND STORAGE

Handling Exposure by inhalation or skin contact should be minimised by good industrial hygiene practice.
 Storage Store in a well ventilated area away from incompatible chemicals or materials. Avoid storage of low temperatures.

8. EXPOSURE CONTROLS

Exposure Limit (8hrs) For Potassium Hydroxide 15min STEL 2mg/m³
 For Sulphur Dioxide 8hr TWA 2ppm (5mg/m³) 15 min STEL 5ppm (13mg/m³)

Protective Measures

Respiratory: In the event where significant exposure is possible wear self contained breathing apparatus
 Hand: Wear suitable impervious gloves
 Eye: Wear chemical goggles
 Skin: Wear suitable overalls

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Pale pink coloured	Solubility in water
Odour	Slight	Solubility in other solvents
pH	>13	Partition coefficient and N-octanol/water
Boiling Point/Boiling Range	Not determined	
Melting Point/Melting Range	N/A	Other Data None
Flash Point	N/A	
Flammability	N/A	
Autoflammability	N/A	
Explosive Properties	N/A	
Oxidising Properties	N/A	
Vapour Pressure	Not determined	
Relative Density	1.30 approx	

10. STABILITY AND REACTIVITY

Stability	The product as supplied is non flammable
Conditions to Avoid	Prevent freezing temperatures
Materials to Avoid	Avoid all acids
Hazardous Decompositions	May attack metals with the liberation of hydrogen gas which is highly flammable and may form an explosive mix with air

11. TOXICOLOGICAL INFORMATION

Acute effects: liquid and mist causes irritation and corrosion to skin, eyes and respiratory system

Acute oral (rat) LD50 >1000mg/Kg (estimate)

12. ECOLOGICAL INFORMATION

Environmental Effects	High concentration in receiving waters will injure aquatic life by the elevation of pH and depletion of oxygen.
Bioaccumulative Potential	No evidence of bioaccumulation
Marine Pollutant	No evidence

13. DISPOSAL CONSIDERATIONS

Product	In accordance with national waste regulations
Container	Wash empty drums thoroughly with water

14. TRANSPORT INFORMATION

LAND TRANSPORT

UN Class	8	Item Number	8.41 (b)
UN Number	3266	ADR Class	8
		Packaging Group	II
Proper Shipping Name (PSN)	Corrosive liquid, basic, inorganic NOS contains potassium hydroxide (UN No 3266)		

SEA TRANSPORT

UN Number	3266	Class	8
Packing Group	II	Marine Pollutant	No
EMS	8-15	MFAG	760
		IMDG Code	8147 PSN Same as above

15. REGULATORY INFORMATION

Chemical identity: Aqueous solution of potassium hydroxide, sulphite, phosphate and polymer
Labelling according to the chemical (Hazard Information and Packaging) Regulations 2002 CHIP 3

EEC Number	N/A
Symbol(s) C - Corrosive	
Risk Phrase(s)	R31 - Contact with acids liberates toxic gas R34 - Causes burns R41 - Risk of serious damage to eyes
Safety Phrase(s)	S14 - Keep away from acids and oxidising agents S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S37/39 - Wear suitable gloves and eye face protection S53 - Avoid Exposure - obtain special instructions before use

16. OTHER INFORMATION

Product contains, Sodium hydroxide, Sodium bisulphite
Xn - Harmful, C - Corrosive, N - Dangerous for the environment
R22 - Harmful if swallowed
R31 - Contact with acids liberates toxic gas.
R37 - Irritating to respiratory system
R50/53 - Very toxic to aquatic organisms and may cause long-term adverse effect in the aquatic environment.
R35 - Causes severe burns
R42/43 May cause sensitisation by inhalation or by skin contact
R41 - Risk of serious damage to eyes.

Further details might be available upon request from Accepta Ltd

Date SDS Revised May 2006