



Material Safety Data Sheet

Accepta 2029

Date issued: 01-06-2004

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Product Name:	ACCEPTA 2029
Application:	Biocide: Hypochlorite plus surfactant
Company Identification:	Accepta Ltd. Quay West Trafford Wharf Road Manchester M17 1HH United Kingdom
Office telephone number:	+44 (0) 161 240 2100
Office fax number:	+44 (0) 870 135 6389
Emergency Telephone Number:	+44 (0) 161 240 2100

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL DESCRIPTION:
Water, Sodium hypochlorite, Dispersant.

HAZARDOUS INGREDIENTS:					
CAS NO.	EINECS NO.	CHEMICAL NAME	WT %	SYMBOL	R-PHRASES
7681-52-9	2316683	Sodium hypochlorite	1-10	C	31,34

3. HAZARD IDENTIFICATION

HUMAN HEALTH HAZARDS: Acute

INHALATION: May cause irritation of mucous membranes. Can cause pulmonary oedema.

SKIN CONTACT: Irritating to skin.

EYE CONTACT: Irritating to eyes.

INGESTION: There may be irritation to the gastro-intestinal tract with nausea and vomiting.

HUMAN HEALTH HAZARDS - CHRONIC: Chlorine - Severe exposure can cause pulmonary oedema and laryngeal spasm.

ENVIRONMENTAL HAZARDS: Harmful to aquatic organisms.

PHYSICAL AND CHEMICAL HAZARDS: Contact with acids liberates toxic gas.



Material Safety Data Sheet

Accepta 2029

Date issued: 01-06-2004

4. FIRST AID MEASURES

INHALATION: Remove to fresh air, rest, and treat symptomatically. Obtain medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash off affected area immediately with plenty of water. If skin irritation persists, obtain medical attention.

EYE CONTACT: Immediately gently irrigate with clean water for at least 15 minutes. Move eyeball and keep eyelids wide open and apart whilst irrigating. Obtain medical attention.

INGESTION: Do not induce vomiting without medical advice. If conscious wash out mouth and give 500ml of water to drink. Obtain medical attention.

ADDITIONAL INFORMATION

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Not flammable or combustible. Use extinguishing media appropriate for surrounding fire.

FIRE AND EXPLOSION HAZARD: May evolve toxic gases or fumes under fire conditions.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTING: In case of fire, wear a full face positive-pressure self contained breathing apparatus and protective suit

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water. Use personal protective equipment recommended in Section 8

ENVIRONMENTAL PRECAUTIONS: Do not allow to enter sewers or water courses. If spillage does enter sewers or water courses, immediately inform the appropriate water authorities.

METHODS FOR CLEANING UP:

Contain and absorb with sand or vermiculite and mix well. Collect up and remove to a safe place until disposal. Wash site of spillage thoroughly with water. Assistance can be obtained from waste disposal companies. Do not use cotton waste, sawdust or other combustible substances as absorbent materials, these may ignite when dried out.



Material Safety Data Sheet

Accepta 2029

Date issued: 01-06-2004

7. HANDLING AND STORAGE

HANDLING: Avoid contact with skin and eyes. Handle and open container with care. If clothing is contaminated, remove clothing and thoroughly wash the affected area. Launder contaminated clothing before reuse. Use with adequate ventilation. Avoid use of metals, polyamides and Polyester.

STORAGE CONDITIONS: Keep container tightly closed and dry. Store in a cool well ventilated area away from direct sunlight. Containers require venting bungs to avoid over pressure. Store separately from acids. Storage for more than one month is not recommended.

CONSTRUCTION MATERIAL COMPATIBILITY. Compatible with:
Equipment for storage and application should be constructed from Unplasticised PVC, polyvinylidene difluoride or acrylic resin.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

NATIONAL REGULATIONS GERMANY Chlorine: 0.5 ml/m³; 1.5 mg/m³ TRGS900.

NATIONAL REGULATIONS UK Sodium hypochlorite: TLV 0.5 ppm(as Cl)(TWA), 1ppm(as Cl)(STEL)

ENGINEERING MEASURES General ventilation is recommended.

RESPIRATORY PROTECTION: Respiratory protection not normally needed. If significant mists, vapours or aerosols are generated an approved respirator is recommended.

HAND PROTECTION: PVC gloves, Neoprene gloves, Nitrile gloves.

SKIN PROTECTION: Standard protective clothing.

EYE PROTECTION: Chemical splash goggles.:

HYGIENE RECOMMENDATIONS: Keep an eye wash fountain available. Keep a safety shower available. Wash hands at breaks and at the end of the shift. If clothing is contaminated, remove clothing and thoroughly wash the affected area. Launder contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

NOTE: These physical properties are typical values for this product

FORM: Liquid

COLOUR: Yellow

ODOUR: Halogen

BOILING POINT: NE

MELTING POINT: NA

FLASH POINT: NA

AUTOFLAMMABILITY: NA

EXPLOSION LIMITS: NA

VAPOUR PRESSURE same as water

RELATIVE DENSITY: 1.110 - 1.125

SOLUBILITY IN WATER: Complete

pH (1%): 9 – 11

OCTANOL/WATER COEFFICIENT: NA

VISCOSITY 1.5 - 5.5 cps

BULK DENSITY: NA

FREEZING POINT: -12 °C

POUR POINT: NE

Abbreviation: NE = not evaluated, NA = not applicable, NR = not relevant



Material Safety Data Sheet

Accepta 2029

Date issued: 01-06-2004

10. STABILITY AND REACTIVITY

STABILITY: Slowly decomposes with the formation of sodium chloride and sodium chlorate and the generation of oxygen.

CONDITIONS TO AVOID: Freezing temperatures. Heat and light which can accelerate decomposition.

MATERIALS TO AVOID: Ammonia. Amines. Contact with acids liberates toxic gas. Organic materials and reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: May evolve toxic gases or fumes under fire conditions. (Chlorine).

11. TOXICOLOGICAL INFORMATION

Please refer to section 3 for hazards identification.

ACUTE TOXICITY DATA:

ACUTE LETHALITY VALUES: No data available.

PRIMARY (DRAIZE TEST) SKIN/EYE: No data available.

SENSITIZATION: No data available.

CHRONIC TOXICITY DATA: No data available.

12. ECOLOGICAL INFORMATION

PERSISTENCY AND DEGRADATION:

Chemical Oxygen Demand (COD): 41 mg/l (1% solution, NEN6633)

MOBILITY AND BIOACCUMULATION POTENTIAL: No data available.

ECOTOXICOLOGICAL EFFECTS: No data available.

ADDITIONAL ECOLOGICAL DATA: Harmful to aquatic organisms.



Material Safety Data Sheet

Accepta 2029

Date issued: 01-06-2004

13. DISPOSAL CONSIDERATIONS

Via authorized contractor. If this product becomes a waste, the final user must define and assign the appropriate European Waste Catalogue code.

NATIONAL REGULATIONS UK In accordance with the Environmental Protection (Duty of Care) Regulations 1991. Special Waste Regulations 1996 apply.

14. TRANSPORT INFORMATION

Class: 8 Packing Group: III, UN No 1791
 Proper shipping name: HYPOCHLORITE SOLUTION
 ADR/RID, H.I.n.: 80
 ADR/RID, No: 61°(c)
 IMDG Page 8186
 EmS-Nr.: 8-08
 MFAG-Nr.: 741

15. REGULATORY INFORMATION

CLASSIFICATION:
 HAZARD SYMBOL: Irritant



Xi, IRRITANT

Contains: Sodium hypochlorite (1-10 %)

RISK PHRASES: R36/38 Irritating to eyes and skin. R31 Contact with acids liberates toxic gas.

SAFETY PHRASES: S50 Do not mix with acids. S24/25 Avoid contact with skin and eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash immediately with plenty of water. S37/39 Wear suitable gloves and eye/face protection.

NATIONAL REGULATIONS GERMANY

VbF-Klasse: None

WHG-WGK: 2

TA-Luft: -

Berufsgenossensch. Vorschriften: Take notice of UVV-Chemie

Hinweise zur Beschäftigungsbeschränkung: Observe § 15 of regulations for hazardous substances

NATIONAL REGULATIONS UK COSHH regulations apply. A precaution card is available and should be displayed wherever this product is used and stored (Ref.XniGR).



Material Safety Data Sheet

Accepta 2029

Date issued: 01-06-2004

16. OTHER INFORMATION

Emergency Telephone Number +44 (0) 161 240 2100