

SAFETY DATA SHEETManufacturer/Distributor **ACCEPTA LIMITED****STATHAM HOUSE, TALBOT ROAD
MANCHESTER M32 0FP****TEL: 0161 877 2334, FAX: 0870 135 6389**Date: **10.02.09**Version nr: **1****1. IDENTIFICATION**Trade name: **ACCEPTA 2827**Generic Name: **MICROBIOCIDE**Product type/area of use: **BIOCIDE - COOLING WATER TREATMENT****2. INFORMATION ON COMPOSITION**

Substances which give the product

its Health-risk properties

	<u>CAS-no</u>	<u>CONTENTS %</u>
5-CHLORO-2-METHYL-4-ISOTHIAZOLINE-3-ONE	26172-55-4 }	8 - 12
2-METHYL-4-ISOTHIAZOLINE-3-ONE	2682-20-4 }	

3. HAZARDS IDENTIFICATIONS**PHYSICAL AND CHEMICAL: CAUSES BURNS, HARMFUL IN CONTACT WITH SKIN AND IF SWALLOWED.****HEALTH: MAY CAUSE SENSITISATION BY SKIN CONTACT.****4. FIRST-AID MEASURES****Inhalation: REMOVE CASUALTY TO FRESH AIR AND PROVIDE WARMTH AND REST. IF NECESSARY SEEK MEDICAL ADVICE****Eye contact: WASH OUT EYE THOROUGHLY, FOR AT LEAST 15 MINUTES, WITH PLENTY OF WATER. SEEK MEDICAL ADVICE.****Skin Contact: WASH CONTAMINATED SKIN WITH SOAP AND LARGE QUANTITIES OF WATER. SEEK MEDICAL ADVICE.****Ingestion: DO NOT INDUCE VOMITING. GIVE PLENTY OF WATER TO DRINK. SEEK MEDICAL ADVICE.**

5. FIRE-FIGHTING MEASURES

GENERAL HAZARD: COMBUSTION GENERATES TOXIC FUMES OF THE FOLLOWING:- HYDROGEN CHLORIDE, NITROUS OXIDES, SULPHUR OXIDES.

EXTINGUISHING MEDIA: TO SUIT LOCAL SURROUNDINGS (e.g. WATER SPRAY, CARBON DIOXIDE, FOAM, DRY POWDER.

SPECIAL EXPOSURE HAZARDS: DECOMPOSITION PRODUCTS RELEASED IN A FIRE SHOULD BE CONSIDERED AS HARMFUL IF INHALED.

PROTECTIVE EQUIPMENT: WEAR SELF-CONTAINED BREATHING APPARATUS AND A CHEMICAL SUIT.

6. ACCIDENTAL RELEASE MEASURES

METHODS FOR CLEANING UP: ADHERE TO PERSONAL PROTECTIVE MEASURES. TAKE UP MECHANICALLY. PLACE IN COVERED, LABELLED CONTAINERS. DISPOSE OF AS PRESCRIBED. WASH SITE OF SPILLAGE THOROUGHLY WITH WATER AND DETERGENT.

ENVIRONMENTAL CONSIDERATIONS: DO NOT ALLOW MATERIAL TO ENTER SURFACE DRAINS OR WATER COURSES. IF THIS OCCURS, INFORM THE RELEVANT WATER AUTHORITY AT ONCE.

7. HANDLING AND STORAGE

ADVICE ON SAFE HANDLING: HANDLE IN ACCORDANCE WITH GOOD HYGIENE AND SAFETY PRACTICE.

STORAGE CONDITIONS: ENSURE ADEQUATE VENTILATION OF THE STORAGE AREA. KEEP CONTAINERS TIGHTLY CLOSED, COOL, DRY AND OUT OF DIRECT SUNLIGHT. KEEP IN ORIGINAL CONTAINER AT TEMPERATURES NOT EXCEEDING 25°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROLS: THERE ARE NO OCCUPATIONAL EXPOSURE LIMITS AVAILABLE.

ENGINEERING CONTROLS: ENSURE ADEQUATE VENTILATION OF WORKING AREA.

PERSONAL PROTECTION: OBSERVE NORMAL STANDARDS FOR HANDLING CHEMICALS. AVOID BREATHING VAPOUR. WEAR P.P.E. APPROPRIATE TO THE TASK (SEE BELOW). DO NOT DRINK, EAT OR SMOKE IN THE WORKING AREA.

EYE PROTECTION: SAFETY GOGGLES.

SKIN PROTECTION: NITRILE GLOVES. MATERIAL IS A POTENTIAL SKIN SENSITISER.

RESPIRATORY PROTECTION: WEAR RESPIRATOR WITH APPROPRIATE FILTER, IN CASE OF HIGH CONCENTRATIONS.

OTHER PROTECTION: PROTECTIVE OVERALL AND BOOTS.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM: LIQUID

COLOUR: CLEAR YELLOW/ORANGE

pH: 2.5 – 6.5

SPECIFIC GRAVITY: 1.000 – 1.050

BOILING POINT: 100°C

RELATIVE VAPOUR DENSITY: 0.62 (air=1)

WATER SOLUBILITY: COMPLETELY SOLUBLE

10. STABILITY AND REACTIVITY

STABILITY: STABLE

THERMAL DECOMPOSITION: THERMAL DECOMPOSITION MAY GENERATE TOXIC FUMES OF THE FOLLOWING:- HYDROGEN CHLORIDE, NITROUS OXIDES, SULPHUR OXIDES.

CONDITIONS TO AVOID: HEATING, IGNITION SOURCES.

MATERIALS TO AVOID: THIS MATERIAL IS INCOMPATIBLE WITH OXIDISING AGENTS, REDUCING AGENTS, AMINES, MERCAPTANS.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: LD₅₀ RAT (oral) 457mg/kg

DERMAL COMPATABILITY: LD₅₀ RABBIT 660mg/kg

MUCOUS MEMBRANE COMPATABILITY: NO DATA AVAILABLE.

12. ECOLOGICAL INFORMATION

ACUTE TOXICITY: NO DATA AVAILABLE.

DEGRADABILITY: NO DATA AVAILABLE.

13. DISPOSAL CONSIDERATIONS

ADVICE ON DISPOSAL: IN ACCORDANCE WITH NATIONAL AND LOCAL AUTHORITY REGULATIONS e.g. SPECIAL WASTE INCINERATION PLANT.

CONTAMINATED PACKAGING: TREAT EMPTY CONTAINERS AS HAZARDOUS WASTE.

14. TRANSPORT INFORMATION

UN NUMBER: 3265, CORROSIVE, LIQUID, ACIDIC, ORGANIC, N.O.S.

PACKAGING GROUP: III

IMDG CODE: 8

RID / ADR: 8 / ITEM 76b

ICAO / IATA: 8

PROPER SHIPPING NAME: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

15. REGULATORY INFORMATION

CORROSIVE

**RISK PHRASES: R34: CAUSES BURNS
R21/22: HARMFUL IN CONTACT WITH SKIN AND IF SWALLOWED
R43: MAY CAUSE SENSITISATION BY SKIN CONTACT**

**SAFETY PHRASES: 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
S36/37/39: WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION
S45: IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE)**

16. OTHER INFORMATION

LEGAL DISCLAIMER

The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or the specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.