

Safety Data Sheet

Creation date: 19/9/02
Version: 5

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Identification

Spray Tank Cleaner - Code 8070

Intended Uses

Tank cleaner

Supplied by

AmegA Sciences plc, 17 Lanchester Way, Royal Oak Industrial Estate, Daventry, Northants, NN11 5PH

Telephone Number

+44 (0) 1327 704444

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical	Concentration	Classification	CAS Number
Sodium hypochlorite	1-5% w/w	C; R31, R34	7681-52-9
Potassium orthosilicates	1-5% w/w	Xn; R20/21/22 R41	1312-76-1

See Section 16 where the full text of each R-phrase is listed.

3. HAZARDS IDENTIFICATION

Irritating to eyes and skin. Contact with acid liberates toxic gas

4. FIRST AID MEASURES

Inhalation

Remove patient to fresh air.

Skin Contact

Flush with plenty of water and remove contaminated clothing and seek medical attention.

Eye Contact

Irrigate the eye with water or eye wash solution for at least 10 minutes and seek medical attention.

Ingestion

Give milk or water as a diluent: 15 mls per kilo of body weight to a maximum of 200-300 mls; and seek immediate medical attention.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Material is not flammable. Use water, water-spray, dry powder, foam or carbon dioxide.

Hazardous Combustion Products Oxides of carbon.

Special Protective Equipment for Fire-Fighters

Use personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Do not allow product to enter eyes.

Environmental Precautions Avoid washings entering watercourses.

Methods for Cleaning Up Small spillages may be flushed away with water. Absorb large spillages with sand or any suitable medium.

7. HANDLING AND STORAGE

Handling

Avoid skin and eye contact.

Storage

Store at ambient temperatures. Keep from freezing.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limit None set.

Respiratory Protection Not necessary unless used in a confined space.

Hand Protection Wear suitable gloves such as rubber or plastic.

Eye Protection Wear goggles or face-shield.

Skin Protection None required.

Environmental Exposure No specific legislation is applies.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Clear, yellow liquid

Odour

Chlorine

pH

12 ± 1

Boiling Point / Range

Not determined

Flash Point

No measurable flash point

Explosive Properties

None

Oxidising Properties

None

Vapour Pressure

Not determined

Relative Density

1.150 ± 0.010

Viscosity

Comparable to water

Vapour Density

Not determined

Evaporation Rate

Not determined

Water Solubility
Complete

Partition Coefficient: n-octanol/water
Not determined

10. STABILITY AND REACTIVITY

Conditions to Avoid	Extremes of temperature
Materials to Avoid	Acids
Hazardous Decomposition Products	Oxides of carbon

11. TOXICOLOGICAL INFORMATION

Skin Contact	Not considered toxic by skin contact
Eye Contact	Irritation to the eye may occur
Ingestion	May cause nausea. No toxic effect expected. Irritation to the digestive system can occur.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Material is not toxic to the environment.
Mobility	Completely soluble.
Persistence and Degradability	This material is unlikely to accumulate in the environment.
Bioaccumulative Potential	Low.
Other Adverse Effects	None.

13. DISPOSAL CONSIDERATIONS

Substance	Small quantities can be disposed by flushing away with water. For large quantities seek advice from an authorised waste disposal contractor.
Container	Contaminated packaging must be treated in the same way as the substance. However, thoroughly rinsed containers can be disposed of by any suitable means.

14. TRANSPORT INFORMATION

	UN Number	Class and Packing Group	Proper Shipping Name	Marine Pollutant
IMDG				No
ADR				No
RID				No
ICAO / IATA				No
Additional Information	Not classified for transport			

15. REGULATORY INFORMATION

Relevant UK Regulations	CHIP 2002
Hazard Symbol	Xi Irritant
R-phrases	R31 Contact with acids liberates toxic gas R36/38 Irritating to eyes and skin
S-phrases	S1/2 Keep locked up and out of the reach of children. 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. S50 Do not mix with acids.
Additional Information	Refer to National Legislation for specific measures that may be relevant.

16. OTHER INFORMATION

The information given in this safety data sheet is based on knowledge available at the time of compilation and is intended to describe the product only in terms of health and safety requirements. It does not signify any warranty with regard to specific properties or specifications.

R-phrases in full:

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed, R31 Contact with acids liberates toxic gas, R34 Causes burns, R41 Risk of serious damage to eyes