

Revision Date: 23/6/2005**Revision Number:** 0**Material/Trade Name:** CORROSION INHIBITOR 013-02987-000

1 - Substance Identification

Material/Trade Name	: Corrosion Inhibitor 013-02987-000
Material type	: Corrosion Inhibitor
Company	: York International
Address	: Gardiners Lane South Essex SS14 3HE
Telephone	: +44 (0)1268 246000
Fax	: +44 (0)1268 246312 www.york.com/allparts

2 - Composition

Substance		% Wt.	CAS No.	EC No.
Sodium Tetraborate	Xn;R62-63	0.1%	1330-43-4	215-540-4
Sodium Metasilicate	C;R34 Xi;R37	0.1%	6894-92-0	229-912-9
Sodium Nitrite	O;R8 T;R25 N;R50	0.1%	7632-00-0	231-555-9
Sodium Nitrate	O;R8 Xn;R22 Xi;R36/37/38	0.1%	7631-99-4	231-554-3

3 - Hazard Identification

Not classified as hazardous under the CHIP Regulations 2002
Not Hazardous according to 88/379/EEC and subsequent amendments

4 - First-aid Measures

Inhalation:	Remove to fresh air and rest If recovery is not rapid call for prompt medical attention
Eyes:	Irrigate with water for at least 15 minutes Take care not to wash chemical from one eye to another If irritation persists call a doctor
Skin:	Remove contaminated clothing Wash with soap/cleanser and rinse with plenty of water If irritation persists obtain medical attention
Ingestion:	Do not induce vomiting Give plenty of water to drink Beware of aspiration if vomiting occurs - Seek immediate medical attention

5 - Fire-fighting Measures

Suitable Extinguishers:	Alcohol resistant foam Dry powder Carbon dioxide Water spray/fog
Unsuitable Extinguishers:	Direct water jets

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5 - Fire-fighting Measures (Continued)

Hazardous Decomposition:	Toxic fumes are produced in fire
Special Procedures:	Do not breathe decomposition products and fumes Use approved self-contained breathing apparatus Wear fire retardant clothing Large fires should only be dealt with by trained personnel

6 - Accidental Release Measures

Exposure Controls:	Do not allow spill to enter drains and watercourses
Personal Protection:	Wear nitrile or rubber gloves
Disposal Considerations:	Absorb in inert material such as sand or absorbent granules Scoop up and place in plastic container to await transfer Dispose of in accordance with local regulations

7 - Handling and Storage

Handling:	Avoid skin contact Avoid eye contact Avoid excessive inhalation of vapour Ensure adequate ventilation Use local extraction equipment where possible Wear suitable protective clothing (see section 8)
Storage:	Store in tightly closed labelled containers Store in a cool, dry, well ventilated area

8 - Exposure Controls

Occupational Exposure Limit:	Not Assigned
	Wear nitrile or rubber gloves Use in well ventilated areas. Use mechanical ventilation if possible After contact with skin wash off with soap and water

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9 - Physical & Chemical Properties

Appearance	: Clear light blue/purple liquid
Odour	: None
pH	: n/e
Boiling point/range	: 100°C
Melting point/range	: n/e
Flash point	: n/e
Flammability	: NON-FLAMMABLE
Autoflammability	: n/e
Explosive properties	: n/e
Oxidising properties	: Slightly oxidising solution
Vapour pressure	: Negligible
Relative density	: 1.0
Solubility	: Completely miscible in water
Vapour Density	: n/e
Viscosity	: n/e
Evaporation rate (Bu Ac = 1)	: Non volatile

(n/e = not established)

10 - Stability and Reactivity

Stable at normal temperatures
Materials to avoid: None indicated
Conditions to avoid: high temperature & direct sunlight
No hazardous decomposition products when stored and handled correctly

11 - Toxicological Information

Routes of exposure: inhalation, skin absorption and ingestion
Acute effects from ingestion: Nausea, vomiting and stomach pain
Contact with eyes will cause short term irritation and eye watering
Repeated skin contact may cause dermatitis or allergic reaction in sensitive individuals

12 - Ecological Information

Ecotoxicity:- Large spills may be slightly harmful to aquatic organisms
Persistence:- Not expected to persist in the environment
Bioaccumulative potential:- Low
Mobility:- May cause groundwater contamination

13 -Disposal Considerations

Do not discharge into drains or watercourses
Dispose of in accordance with local regulations

14 -Transport Information

Not classified as hazardous for transport

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15 - Regulatory Information

a) Risk & Safety

Not classified as hazardous under the CHIP Regulations 2002
Not Hazardous according to 88/379/EEC and subsequent amendments

b) Other Regulations

Health & Safety at Work etc. Act 1974
Control of Substances Hazardous to Health Regulations 2005
Environmental Protection Act 1990
Special Waste Regulations 1996

c) Text of Risk Phrases listed in Section Two:

R8	Contact with combustible material may cause fire.
R22	Harmful if swallowed.
R25	Toxic if swallowed.
R36/37/38	Irritating to eyes, respiratory system and skin.
R50	Very toxic to aquatic organisms.
R62	Possible risk of impaired fertility.
R63	Possible risk of harm to the unborn child.

16 - Other Information

This Safety Data Sheet has been compiled in accordance with the classification criteria of the 29th Adaptation to the Technical Progress of EEC/67/548