

# PRODUCT SAFETY DATA SHEET

1) IDENTIFICATION: Central Heating Inhibitor	
SUPPLIER:	Just-Chem Limited, Weaver Park Industrial Estate, Mill Lane, Frodsham, Cheshire.
PRODUCT NAME:	System Guard
PRODUCT TYPE:	Corrosion Inhibitor

## 2) COMPOSITION/INGREDIENT INFORMATION

GENERAL DESCRIPTION: Combination of ethanol amines, triazoles, acidifiers, soluble oils and other corrosion inhibitors.
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## 3) HAZARDS IDENTIFICATION

Main Hazards: THIS PRODUCT IS CLASSIFIED AS IRRITANT.
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## 4) FIRST AID MEASURES

GENERAL:	In all cases of doubt, seek medical attention <u>NEVER</u> give anything by mouth to an unconscious person.
INHALATION:	Unlikely to constitute a hazard by inhalation.
EYE CONTACT:	Remove contact lenses, wash with copious amount of clean water, if discomfort persists, seek medical advice.
INGESTION:	Subject should be given water. <u>DO NOT</u> induce vomiting. Seek medical attention immediately.
SKIN CONTACT:	Remove contaminated clothing, Wash skin thoroughly with skin cleanser.

## 5) FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:			
Exposure Hazards	Thermal Decomposition may release toxic oxides of nitrogen and carbon.		
Suitable Extinguisher	Foam, Dry powder and Carbon dioxide.		

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### 6) ACCIDENTAL RELEASE

Personal Protection: Wear protective gloves and overalls. Protective eye wear should be worn when chemical contact is possible.

Leak and spills: Major spills prevent from entering sewers and water ways. Absorb spillage with inert material and retain in a suitable container for disposal by approved contractor and notify local water authority.

Small spillage: Dilute and flush with water.

### 7) HANDLING AND STORAGE

Handling: Wear protective clothing, gloves and eye protection.

Storage: Storage temperature should be kept below 60 C

### 8) EXPOSURE CONTROL

Wear protective clothing when handling large volume.

### 9) PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
COLOUR:	Yellowish
SOLUBILITY:	Completely miscible with water, MEG or MPG
pH:	6.7 - 6.50%
BOILING POINT/RANGE C:	>200
FLASH POINT C:	>110

### 10) STABILITY & REACTIVITY

Stable under normal conditions of use. Avoid contact with strong oxidising agents. Thermal decomposition may release toxic nitrogen and carbon.

### 11) TOXICOLOGICAL INFORMATION

Health effects on skin: Not known  
 Eyes: Not known  
 Inhalation: Not known  
 Ingestion: ORAL LD50 RAT 10g/kg

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### 12) ECOLOGICAL INFORMATION

Ectotoxicity: Aquatic LC50 (GOLDFISH) 24hrs= 3500mg/L  
Persistence: Not expected to Bio-Accumulate

### 13) DISPOSAL CONSIDERATIONS

Do not allow large quantities to enter water courses or rivers. Dispose in accordance with local regulations.

### 14) TRANSPORT INFORMATION

IMDG: ADR/RID

### 15) REGULATORY INFORMATION

CLASSIFICATION: Not Classified

RISK PHRASES: R36/38: Irritating to eyes and skin.

SAFETY PHRASE: Avoid contact with skin and eyes. Keep out of reach of children. Not to be taken internally. In case of contact with eyes immediately wash with plenty of water then seek medical advice.

S16: IF SWALLOWED seek medical advice immediately (show label where possible)

The information contained in this safety sheet, does not constitute the user's own assessment of the work place risks as required by Health and Safety legislation. The provisions of the Health and Safety at work act and the control of Hazardous Substances.

### 16) OTHER INFORMATION

The information contained in this Data sheet provided in accordance with requirements of the chemicals hazard information and packaging regulations. Specific conditions of use of the product are outside the supplier's control. The user is responsible for ensuring that the requirements of legislation are complied with.