

## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

1.1 Product Identification FRY FIGHTER

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1.2 Application and Use For use in specialist portable extinguishers for cooking oil/fat fires

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1.3 Supplier Chubb Fire Limited,  
Chubb House, Sunbury-on-Thames  
Middlesex TW16 7AR

Emergency Telephone Number 01932 785588

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1.4 Product Description Solution of carboxylic acid salt.

### 2. COMPOSITION

Substance	Synonyms	Concentration	Health class	CAS-No.
Salt of carboxylic acid		%		
Water		<70%		
		Balance		

### 3. HAZARDS IDENTIFICATION

Human health hazards: Not classified as hazardous under CHIP. May cause irritation to eyes, skin and respiratory tract.

### 4. FIRST AID MEASURES

#### **General**

First aiders should know and take the precautions appropriate to avoid danger to themselves and the casualty.

Take casualty together with material safety data sheet of this product to hospital or doctor, if necessary.

First Aid – Skin: Wash off with warm soapy water. A moisturiser may be used to replenish lost oils. If persistent irritation occurs, obtain medical attention.

First Aid – Eye: Wash out eyes with plenty of water or eye wash solution and seek medical attention.

First Aid – Ingestion: Send casualty to hospital immediately. If ingestion is suspected, do not induce vomiting.

First Aid – Inhalation: Remove casualty from exposure. If there is breathing difficulty or cough, keep patient at rest, seated in position of maximum comfort.

### 5. FIRE FIGHTING MEASURES

#### **General Hazards**

N/A This product is for fire fighting purposes.

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid contact with skin, eyes and clothing. Do not breathe mists, aerosols.
Personal protection:	Wear protective clothing specified for normal operations.
Environmental precautions:	SPILLAGE: The practice of washing spills into drains should be avoided if at all possible and should under no circumstances be allowed without first consulting the local Water Authority and the Environment Agency.
Clean-up methods – small spillage:	Absorb with earth, ash or sawdust for subsequent dry disposal. Place in a labelled, sealable container for subsequent safe disposal. Spillages cause slippery floors.

## 7. HANDLING AND STORAGE

Protect from sustained heat. Store in original sealed containers or approved systems. Store in an upright position not more than three high.

### Personal Protective Equipment – Fire Fighting

Chubb solutions will be used in fire fighting. This process may involve exposure to heat, flame and possibly toxic vapours and fumes. We recommend that appropriately designed personal protective equipment designed for use in firefighting situations should be used.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

General precautions: Use only in well ventilated areas and follow general good housekeeping procedures

### **Occupational Exposure Limit:**

### Personal Protective Equipment – Other Handling

Avoid prolonged, extensive or repeated inhalation or contact to eyes and skin.

Hand Protection                      Wear impervious gloves of an approved type (e.g. neoprene).

Eye Protection                      Wear safety goggles of an approved type (BS 2092).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid	pH at 20°C:	9
Boiling Point:	100°C	Colour:	Clear
Freeze Point:	-20°C	Odour:	–
Viscosity at 20°C:	4.6cs	Flammability:	Not flammable
		Solubility:	Miscible with water in all proportions
		Specific Gravity:	1.37

## 10. STABILITY/REACTIVITY

### **Stability**

Stable up to 100°C. Treat as water and exclude from contact with any materials which have violent reactions with water.

### **Hazardous Decomposition Products**

Do not expose containers to heat or flame, since the containers are made from high density polyethylene and will burn. Thermal decomposition of containers and/or products may generate acrid smoke and fumes and traces of Na<sub>2</sub>O, Cl<sup>-</sup>, SO<sub>x</sub>, NO<sub>x</sub>, and HF.

## 11. TOXICOLOGICAL INFORMATION

### Inhalation

Inhalation of hazardous amounts is unlikely when used as intended. May cause irritation to respiratory tract when inhaled.

### Ingestion

Low oral risk when used as intended. May cause nausea, vomiting and diarrhoea when ingested.

### Contact to eyes or skin

Low risk if appropriate precaution measures are taken (see section 6). May cause irritation to skin and eyes.

## 12. ECOLOGICAL INFORMATION

Persistence/degradability:

Readily biodegradable.

Bioaccumulation:

Bioaccumulation is unlikely to occur due to metabolism and excretion.

### Biodegradation

Biodegradable:

COD = 194 mg/g.

BOD (5 day) = 139 mg/g

Ecotoxicity:

No data available at present.

## 13. DISPOSAL CONSIDERATIONS

### Disposal

Waste should be disposed via local authority waste collection service or registered waste carrier. Ensure the destination is a licensed facility.

Local legislation:

Control of Pollution Act 1974

Environmental Protection Act 1990

Special Waste Regulations 1996

## 14. TRANSPORT INFORMATION

Label for conveyance:

No Transport Warning Sign Required

Road:

UN No:

N/C

Rail:

Rail Transport Class No:

N/C

Sea:

Sea Transport Class No:

N/C

EmS No:

N/C

MFAG Table No:

N/C

Air:

Air Transport Class No:

N/C

## 15. REGULATORY INFORMATION

Label For Supply: None

Risk Phrases:  
Safety Phrases:

UK Regulatory References:

Health and Safety at work Act 1974.

Chemicals (Hazard Information & Packaging for Supply) Regulations 1994 / Amendment  
Regulations 1996.

EC Directives: Substances Directive 67/548/EEC as amended by 69/81/EEC, 70/189/EEC,  
73/146/EEC, 75/409/EEC, 79/831/EEC General Preparations Directive  
88/379/EEC.

Statutory Instruments: Chemicals (Hazard Information and Packaging for Supply) Regulations.  
Approved Code of Practice:

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes: Occupational Exposure Limits EH40/96.

## 16. OTHER INFORMATION

For further literature/information see product data sheet

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DISCLAIMER: This information is based on our current knowledge and is intended to describe the product  
for the purposes of health,safety and environmental requirements only. It should not therefore be construed  
as guaranteeing any specific property of the product.  
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