



**BROSTEEL ULTRA 60**

**5 FIRE-FIGHTING MEASURES**

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials. Do not use water jet as an extinguisher, as this will spread the fire.

SPECIAL FIRE FIGHTING PROCEDURES

Use pressurised air mask if product is involved in a fire. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

UNUSUAL FIRE & EXPLOSION HAZARDS

Fire causes formation of toxic gases.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

**6 ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage.

**7 HANDLING AND STORAGE**

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. Avoid contact with oxidising agents.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
White Spirit	OES		600 mg/m3			

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined workplace exposure limit is not exceeded. All handling to take place in well-ventilated area.

RESPIRATORY EQUIPMENT

Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of vapours.

HAND PROTECTION

Protective gloves should be used if there is a risk of direct contact or splash.

EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact.

**BROSTEEL ULTRA 60****OTHER PROTECTION**

Wear appropriate clothing to prevent any possibility of skin contact.

**HYGIENE MEASURES**

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

**SKIN PROTECTION**

Wear apron or protective clothing in case of splashes.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Liquid		
COLOUR	White / off-white		
ODOUR	Odourless		
SOLUBILITY	Slightly soluble in water.		
BOILING POINT (°C)	100@ 760mmHg	MELTING POINT (°C)	<0
RELATIVE DENSITY	1.3 - 1.5 g/ml @25°C.	VAPOUR DENSITY (air=1)	Heavier than air
VAPOUR PRESSURE	2.4 kPa @20°C.	pH-VALUE, DILUTED SOLUTION	8.0 - 9.5
VISCOSITY	75 - 110 Poise @20°C.	FLASH POINT (°C)	N/A
FLAMMABILITY LIMIT - LOWER(%)	N/A	FLAMMABILITY LIMIT - UPPER(%)	N/A
VOLATILE ORGANIC COMPOUND (VOC)	20 g/litre		

**10 STABILITY AND REACTIVITY****STABILITY**

No particular stability concerns.

**MATERIALS TO AVOID**

Strong acids. Strong alkalis. Strong oxidising substances.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

**11 TOXICOLOGICAL INFORMATION****TOXICOLOGICAL INFORMATION**

No information available.

**SKIN CONTACT**

Prolonged contact may cause redness and irritation.

**EYE CONTACT**

Slightly irritating.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

The product contains a substance which may cause long term adverse effects in the aquatic environment.

**13 DISPOSAL CONSIDERATIONS****GENERAL INFORMATION**

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements. Absorb in vermiculite or dry sand, dispose in licensed hazardous waste.

**14 TRANSPORT INFORMATION****GENERAL**

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

### BROSTEEL ULTRA 60

## 15 REGULATORY INFORMATION

### LABELLING



Harmful

### CONTAINS

TRIS(2-CHLOROETHYL) PHOSPHATE

### RISK PHRASES

- R40 Limited evidence of a carcinogenic effect.
- R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### SAFETY PHRASES

- S13 Keep away from food, drink and animal feeding stuffs.
- S36/37 Wear suitable protective clothing and gloves.
- S46 If swallowed, seek medical advice immediately and show this container or label.
- S56 Dispose of this material and its container to hazardous or special waste collection point.

### EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EC. Dangerous Preparations Directive 1999/45/EC.

### APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

### NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. Workplace Exposure Limits 2005 (EH40)

## 16 OTHER INFORMATION

### INFORMATION SOURCES

Croner's Emergency Spillage Guide Croner's Emergency First Aid Guide Croner's Substances Hazardous to Health

### REVISION COMMENTS

This is first issue.

### ISSUED BY

D Charles

REVISION DATE 13/03/2009

REV. NO./REPL. SDS GENERATED 1

### RISK PHRASES IN FULL

- R10 Flammable.
- R22 Harmful if swallowed.
- R40 Limited evidence of a carcinogenic effect.
- R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking.

### DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.