

CHAUCER CHEMICALS LIMITED

PRODUCT SAFETY DATA SHEET FLOWRITE - DRAIN CLEANER

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER	
Trade Name: Supplier Tel No:	FLOWRITE: CHAUCER CHEMICALS LIMITED, P.O.Box1, St.Neots, Cambs PE19 1DP Tel: 01480 476202 Fax: 01480 406459
2 INFORMATION ON INGREDIENTS	
Product Description: Hazardous Ingredients:	Sulphuric Acid 95% Inhibited Sulphuric Acid
3 HAZARDS IDENTIFICATION	
Not classified as hazardous	CORROSIVE Causes severe burns to living tissue
4 FIRST AID MEASURES	
Eyes: Skin: Ingestion: Inhalation:	Irrigate thoroughly with water for 10 minutes. Obtain medical attention Wash off with water Remove contaminated clothing and wash before use. Drench with plenty of water. If large area is damaged or irritation persists seek medical attention. Give plenty of milk or water to drink and obtain medical attention immediately
5 FIRE FIGHTING MEASURES	
Extinguishing Media: Unusual Media: Unusual Fire and Explosion Hazards: Protective Equipment for Fire:	Not classified as flammable. Dry powder or water spray Do not use water jet near concentrated Sulphur Acid Oxides of Sulphur Self contained breathing apparatus and full protective clothing
6 ACCIDENTAL RELEASE MEASURES	
Personal Precautions: Environmental Precautions: Spillages:	Full protective clothing Do not allow product or washings to enter surface or ground waters Absorb with sand, earth or suitable material, neutralize with Soda Ash or lime Transfer to a container for disposal to local regulations
7 HANDLING AND STORAGE	
Handling: Storage:	Avoid contact with eyes and skin have running water, safety shower available Store in a cool place in the original container
8 EXPOSURE CONTROLS/PERSONAL PROTECTION	
Respiratory Protection: Hand Protection: Eye Protection: Skin Protection:	Type approved RPE for acidic mists and vapours if required PVC or rubber gloves Safety goggles to BS2092/C and /or face shield PVC overalls and acid resistant boots
Occupational Exposure Limits: Hazardous Ingredient(s) Sulphuric Acid	LTEL 8hr TWA 2.5 ppm mg/m ³ STEL (15 mins) 6 ppm mg/m ³ Type OES
Prepared 1/3/95 CJLB/100 /81/82	

FLOWRITE

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Colour

Odour:

pH Value @ 20°C:

Boiling Point (°C):

Melting Point (°C):

Flash Point (°C):

Auto Ignition Temp.(°C):

Explosive Limits in Air:

Vapour Pressure @ (20°C):

Relative Density @ (20°C):

Water Solubility:

Black Fluid

Acidic

< 1

163 - 274

less than 0°C

Boils without flashing

Not applicable

Not applicable

1.3mbar 145.8°C

1.62-1.84

Miscible

10 STABILITY AND REACTIVITY

Conditions to Avoid:

Materials to Avoid:

Hazardous Decomposition:

Humid atmosphere

Alkaline materials; most common metals; strong oxidizing agents

Oxides of sulphur. May liberate hydrogen in contact with metals

11 TOXICOLOGICAL INFORMATION

Eye Contact:

Skin Contact:

Ingestion:

Inhalation:

Causes painful burns to eyes which can lead to prolonged or permanent eye damage.

Causes severe skin burns

May cause serious burns to mouth, throat, oesophagus and stomach

Irritation of the mucous membranes and upper respiratory tract

12 ECOLOGICAL INFORMATION

Biodegradability:

Toxicity:

Effect on Effluent Treatment:

Distribution:

Mobility:

Neutralize slowly with alkalinity, reducing damage caused by low pH

Dangerous to fish and other aquatic life

At the levels likely to be found in effluent, will have no adverse effect

Completely water soluble: bioaccumulation unlikely

Soluble in water, but may not layer

13 DISPOSAL CONSIDERATION

Product:

Packages:

Absorb in earth, sand or other suitable absorbent, and dispose of as solid waste according to local regulations. Dispose of by incineration

Wash out containers with water, running the washings to a sewage treatment system. Dispose of container according to local regulations

14 TRANSPORT INFORMATION

Classification for Transport:

UN Number:

Road & Rail Transport (ADR/RID)

Corrosive

1830

Packaging Group: II H.I. No: 80 Emergency Action Code: 2P

15 REGULATORY INFORMATION

EEC Classification:

Risk Phrase:

Safety Phrases:

231-639-5

R35 Causes severe burns

S2: Keep out of reach of children

S26: In case of contact with eyes rinse immediately with plenty of water and seek medical advice

S30: Never add water to this product

16 OTHER INFORMATION

This data sheet was prepared in accordance with Directive 91/155/EEC