

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: ANCHORSTIK NF380
SUPPLIER: Redwood UK Ltd
18 Arnside Road
Waterlooville
HAMPSHIRE
PO7 7UP
TEL: 023 9223 3310
FAX : 023 9223 3320
EMAIL: sales@redwood-uk.com

2 COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	EINECS	CAS NUMBER	RISK PHRASES
Dichloromethane 50-70%	200-838-9	75-09-2	(Xn) R40
Ethyl Methyl Ketone 1-10%	201-159-0	78-93-3	(F) R11, (Xi) R66, (-) R67

3 HAZARDS IDENTIFICATION

MAIN HAZARDS: Limited evidence of a carcinogenic effect.

OTHER HAZARDS: Although a quantity of a flammable material is present, this preparation is non-flammable as supplied.

SKIN CONTACT: There may be irritation and redness at the site of contact.

EYE CONTACT: There may be irritation and redness.

INGESTION: There may be shortness of breath due to congestion of the lungs. Nausea and stomach pain may occur. There may be vomiting. There may be loss of consciousness. Convulsions may occur.

INHALATION: Exposure may cause coughing or wheezing. There may be congestion of the lungs causing shortness of breath.

4 FIRST AID MEASURES

SKIN CONTACT: Remove all contaminated clothes and footwear immediately unless stuck to skin. Remove from skin with paper or towel. Wash effected area thoroughly with soap and water. Seek medical advice if symptoms persist.

EYE CONTACT:	Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
INGESTION:	Do not induce vomiting. If conscious, give half a litre of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in recovery position. Transfer to hospital as soon as possible.
INHALATION:	Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:	Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.
EXPOSURE HAZARDS:	In combustion emits toxic fumes.
PROTECTION OF FIRE-FIGHTERS:	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6 ACCIDENTAL RELEASE MEASURE

For safety and environmental precautions, please review entire Safety Data Sheet for necessary information.

PERSONAL PRECAUTIONS DURING SPILL:	Wear impervious gloves and eye protection (as section 8). If spillage is in confined space check that atmosphere is breathable – consider use of self-contained breathing apparatus.
PRECAUTIONS TO PROTECT ENVIRONMENT:	Spillages or uncontrolled discharges into waterways or storm sewer must be reported to The Environment Agency or other regulatory body.

SPILL CLEANUP METHODS:

Absorb spilled material onto inert solids such as sand, earth or clay-based absorbent and allow the solvent to evaporate. Collect resultant solid wastes in sealable drums and dispose via a licensed waste contractor.

7 HANDLING AND STORAGE

HANDLING REQUIREMENTS:

Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

STORAGE CONDITIONS:

Store in cool, well ventilated area. Keep container tightly closed.

SUITABLE PACKAGING:

Must only be kept on original packaging.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION



OCCUPATIONAL EXPOSURE LIMITS :

TWA (8Hr exposure limit = 350mg/m³ (MEL)
STEL (15Min exposure limit = 899mg/m³ (MEL)

COMPONENT

EXPOSURE LIMITS

Dichloromethane

TWA (8Hr exposure limit) = 350mg/m³
STEL (15Min exposure limit) = 1060mg/m³ (MEL)

Ethyl Methyl Ketone

TWA (8Hr exposure limit) = 600mg/m³
STEL (15Min exposure limit) = 899mg/m³ (OES)

ENGINEERING MEASURES:

Ensure there is sufficient ventilation of the area.

EYE PROTECTION REQUIREMENTS:

Safety goggles.

GLOVE REQUIREMENTS:

Avoid skin contact. For repeated exposure use Viton or 4H chemical gloves.

CLOTHING REQUIREMENTS:

Protective clothing with elasticated cuffs and closed neck. Boots made of PVC.

RESPIRATORY REQUIREMENTS:

If exposure levels are likely to be exceeded, use a face mask fitted with an organic AXP3 filter for short-term low-level exposures. For long term or

high-level exposures, or when spraying, compressed airline breathing apparatus should be used. Compressed airline breathing apparatus (EN139).

9 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM:	Liquid
COLOUR:	Yellow-brown
ODOUR:	Pungent
EVAPORATION RATE:	Fast
OXIDISING:	Non-oxidising (by EC criteria)
BOILING POINT:	39°C
SOLUBILITY IN WATER:	Insoluble
VISCOSITY :	Non-viscous
RELATIVE DENSITY:	1.2

10 STABILITY AND REACTIVITY

STABILITY:	Stable under normal conditions.
HAZARDOUS DECOMPOSITION PRODUCTS:	In combustion emits toxic fumes.
CONDITIONS TO AVOID:	Heat. Sources of ignition.
MATERIALS TO AVOID:	Water.

11 TOXICOLOGICAL INFORMATION

HAZARDOUS INGREDIENTS:	Dichloromethane ORL MUS LD50 4770 mg/kg ORL RAT LD50 5350 mg/kg SCU MUS LD50 6460 mg/kg
CHRONIC TOXICITY:	Danger of serious damage to health by prolonged exposure through inhalation.

12 ECOLOGICAL INFORMATION

MOBILITY:	Volatile.
PERSISTENCE AND DEGRADABILITY:	Biodegradable in part only.
BIOACCUMULATIVE POTENTIAL:	No data available.

13 DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS:	Arrange for disposal by a licensed waste disposal company.
DISPOSAL OF PACKAGING:	Arrange for disposal by a licensed waste disposal company.

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14 TRANSPORT INFORMATION

ADR CLASS:	6.1
U.N. NUMBER:	2810
PACKING GROUP:	III
SHIPPING NAME:	Toxic liquid, Organic, NOS
LABELLING:	6.1
CLASSIFICATION CODE:	T1
HAZARD ID NO:	60
EmS:	F-A, S-A
PACKING INSTRUCTIONS:	611(P&CA); 618(CAO)

15 REGULATORY INFORMATION



HAZARD SYMBOLS:	Harmful.
RISK PHRASES:	R40: Limited evidence of a carcinogenic effect.
SAFETY PHRASES:	S2: Keep out of the reach of children.
	S3: Keep in a cool place.
	S9: Keep container in a well ventilated place.
	S36/37: Wear suitable protective clothing and gloves.
	S23: Do not breathe vapour.
	S51: Use only in well ventilated areas.
	S38: In case of insufficient ventilation, wear suitable respiratory equipment.
	S53: Avoid exposure – obtain special instructions before use.
	S29/35: Do not empty into drains, dispose of this material and its container in a safe way.
PRECAUTIONARY PHRASES:	Can become highly flammable in use.

16 REGULATORY INFORMATION CONTINUED

NOTE:	The regulatory information given above only indicates the principal
-------	---

regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16 OTHER INFORMATION

RISK PHRASES USED IN SECTION 2:

R40: Limited evidence of a carcinogenic effect.
R11: Highly flammable.
R36: Irritating to eyes.
R66: Repeated exposure may cause skin dryness or cracking.
R67: Vapours may cause drowsiness and dizziness.

INFORMATION CONTACT:

Redwood UK Ltd
18 Arnside Road
Waterlooville
HAMPSHIRE
PO7 7UP

Telephone:
Fax:
Email:

+44 (0)23 9223 3310
+44 (0)23 9223 3320
sales@redwood-uk.com

Reference should be made to any relevant local or national health, safety, and environmental legislation. This information does not constitute indication of suitability for specific use.

LEGAL DISCLAIMER:

The above information is based on our present knowledge of the product and is given in good faith. The information has been verified so far as is possible, but no obligation is accepted or is implied for its accuracy or completeness. It is presented in accordance with the requirements of 91/155/EEC as enacted into British practice by The Chemicals (Hazard Information and Packaging for Supply Regulations 2002 SI 1689 2002). Unless otherwise stated statutory regulations refer to those for the United Kingdom, thus exposure limits, for example, are those for the UK.

It should be understood that the uses to which this material might be put and the conditions under which it is used are entirely beyond control of Redwood UK Ltd. Consequently, the assessment of the risks of using this material lie with the user: this information is NOT an assessment of those risks.