

REVISION DATE: 27/08/04



SAFETY DATA SHEET
SOLVENT PRESERVER WOODWORM KILLER

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME SOLVENT PRESERVER WOODWORM KILLER
 PRODUCT NO. SPWWGEN. SPWW001, SPWW 12, SPWW005, SPWW025, SPWW2.5, SPWW205
 SUPPLIER J.V. Barrett & Co. Ltd
 Barrettine Works, St Ivel Way
 Warmley
 Bristol BS30 8TY
 0117 9600080
 0117 935 2437

2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY; LOW BOILING POINT HYDROGEN		64742-48-9	60-100%	Xn;R65. R10,R66.
Permethrin		52645-53-1	< 1%	Xn;R22. N;R51,R57.

The Full Text for all R-Phrases are Displayed in Section 16

3 HAZARDS IDENTIFICATION

Flammable. Repeated exposure may cause skin dryness or cracking. Harmful: may cause lung damage if swallowed.
 CLASSIFICATION Xn;R65. R10, R66.

4 FIRST-AID MEASURES

GENERAL INFORMATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INHALATION

Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN CONTACT

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc. Water spray, fog or mist. DO NOT use direct water jet as this will scatter and spread the fire.

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. 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

Vapours are heavier than air and may spread near ground to sources of ignition. May travel considerable distance to source of ignition and flash back. May form explosive mixture with air particularly with in empty uncleaned receptacles.

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SPECIFIC HAZARDS

Fire creates: Dense acrid smoke. Carbon dioxide (CO₂). Carbon monoxide (CO).

PROTECTIVE MEASURES IN FIRE

Wear self-contained breathing apparatus and full protective clothing.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Ventilate area. Avoid breathing vapours. Remove all sources of ignition. Wear suitable protective clothing as specified under section 8 of this safety data sheet - Exposure Controls and Personal Protection.

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Dispose of in accordance with Local Authority Regulations via a licenced waste carrier. Do not contaminate water sources or sewer.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. 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 cool, dry well-ventilated place. Keep in original container.

STORAGE CLASS

Flammable liquid storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT COMMENTS

OES = Occupational Exposure Standard.

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Occupational Exposure Limit

HAND PROTECTION

Use protective gloves made of: Nitrile, or Neoprene.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour 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. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Colourless		
ODOUR	Hydrocarbon		
SOLUBILITY	Insoluble in water		
PHYSICAL DATA COMMENTS	Information given concerns the major ingredient.		
BOILING POINT (°C)	150 - 200 760 mm Hg	RELATIVE DENSITY	0.770 @ 15 °C
VAPOUR DENSITY (air=1)	>1	VAPOUR PRESSURE	3 mbar @ 37.8 °C
VISCOSITY	1.09 cSt @ 40 °C	FLASH POINT (°C)	44 CC (Closed cup)
AUTO IGNITION TEMPERATURE (°C)	230		

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10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid contact with acids and oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 >3000 mg/kg (oral rat)

INHALATION

Exposure to organic solvent vapours in excess of the stated occupational exposure limit may result in adverse effects such as irritation of the mucous membrane and the respiratory system and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

INGESTION

Liquid irritates mucous membranes and may cause abdominal pain if swallowed. Significant absorption may cause sleepiness, intoxication and pulmonary oedema.

SKIN CONTACT

Repeated or prolonged contact with organic solvents may cause removal of natural fats from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

HEALTH WARNINGS

The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed.

TARGET ORGANS

Skin. Eyes. Respiratory system, lungs.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Dangerous to fish and other aquatic organisms. Toxic to bees.

LC 50, 96 Hrs, FISH mg/l >100

MOBILITY

Water: Insoluble: the product spreads over the surface of the water and will slowly evaporate. Soil: the product has only slight mobility in the soil and will partially evaporate.

BIOACCUMULATION

Likely to bioaccumulate, but with short retention time in the order of a week or less.

DEGRADABILITY

Readily Biodegradable. The biodegradability after 28 days was found to be 314% when expressed as a ratio of the biochemical oxygen demand (BOD) to the Chemical Oxygen demand (COD).

ACUTE FISH TOXICITY

Dangerous to fish and other aquatic organisms.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

WASTE CLASS

This material should be considered as "Special Waste" and disposal should conform with the relevant regulations.

14 TRANSPORT INFORMATION



UK ROAD CLASS

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PROPER SHIPPING NAME	PETROLEUM DISTILLATES, N.O.S., or PETROLEUM PRODUCTS, N.O.S. (NAPHTHA (PETROLEUM), HYDROTREATED HEAVY; LOW BOILING POINT HYDROGEN)		
UN NO. ROAD	1268	UK ROAD PACK GR.	III
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	III	HAZARD No. (ADR)	30
ADR LABEL NO.	3	HAZCHEM CODE	3Y
CEPIC TEC(R) NO.	30GF1-III	RIO CLASS NO.	3
RID PACK GROUP	III	UN NO. SEA	1268
IMDG CLASS	3	IMDG PAGE NO.	3
IMDG PACK GR.	III	EMS	F-E, S-E
MFAG	See Guide	MARINE POLLUTANT	No.
UN NO. AIR	1288	ICAO CLASS	3
AIR PACK GR.	III		

15 REGULATORY INFORMATION

LABELLING



Harmful

CONTAINS

NAPHTHA (PETROLEUM), HYDROTREATED HEAVY; LOW BOILING POINT HYDROGEN

RISK PHRASES

R10 Flammable.
R68 Repeated exposure may cause skin dryness or cracking.
R65 Harmful: may cause lung damage if swallowed.

SAFETY PHRASES

S2 Keep out of the reach of children
S13 Keep away from food, drink and animal feeding stuffs.
S37 Wear suitable gloves.
S46 If swallowed, seek medical advice immediately and show this container or label.
S51 Use only in well-ventilated areas.
S58 Dispose of this material and its container to hazardous or special waste collection point.
S60 This material and its container must be disposed of as hazardous waste.
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

ENVIRONMENTAL LISTING

Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980.

EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EEC.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(106).

16 OTHER INFORMATION

INFORMATION SOURCES

Dangerous Properties of Industrial Materials Report, N.Sax et al.

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REV. NO./REPL. SDS GENERATED 001

SDS NO. 002

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RISK PHRASES IN FULL

R10	Flammable.
R22	Harmful if swallowed.
R51	Toxic to aquatic organisms.
R57	Toxic to bees.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.