



SAFETY DATA SHEET TH1 THINNERS

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	TH1 THINNERS
PRODUCT NO.	TH1
APPLICATION	THINNER FOR PAINT
SUPPLIER	Witham Group Stanley Road Oulton Broad Lowestoft Suffolk NR33 9ND Tel: 01502 563434 Fax: 01502 500010 enquiries@withamgroup.co.uk
EMERGENCY TELEPHONE	(01502) 563434 Monday to Friday 8.00am to 5.00pm

2 HAZARDS IDENTIFICATION

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking. Flammable.

CLASSIFICATION Xn;R65. N;R51/53. R66, R10.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY; LOW BOILING POINT HYD	265-185-4	64742-82-1	60-100%	Xn;R65. N;R51/53. R10,R66.

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

4 FIRST-AID MEASURES

GENERAL INFORMATION

Keep the affected person warm and at rest. Get prompt medical attention. Do not give victim anything to drink if they are unconscious.

INHALATION

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention. If breathing stops, provide artificial respiration. Place unconscious person on the side in the recovery position and ensure breathing

INGESTION

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! DO NOT induce vomiting. Get medical attention immediately. Provide rest, warmth and fresh air.

SKIN CONTACT

Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Do NOT use solvents or thinners.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Immediately flush with plenty of water or eyewash solution for up to 10 minutes. Get medical attention immediately. Continue to rinse.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using: Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Do not use water jet as an extinguisher, as this will spread the fire.

SPECIAL FIRE FIGHTING PROCEDURES

Keep run-off water out of sewers and water sources. Dike for water control. Cool containers exposed to flames with water until well after the fire is out. Move container from fire area if it can be done without risk. If risk of water pollution occurs, notify appropriate authorities.

UNUSUAL FIRE & EXPLOSION HAZARDS

May explode in a fire. May travel considerable distance to source of ignition and flash back.

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SPECIFIC HAZARDS

By fire, toxic gases may be formed (COx, NOx).

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

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

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Keep combustibles away from spilled material. Provide ventilation and confine spill. Do not allow runoff to sewer. Wash thoroughly after dealing with a spillage. Inform Authorities if large amounts are involved. Absorb with inert, damp, non-combustible material, then flush area with water.

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. Wear full protective clothing for prolonged exposure and/or high concentrations. Vapours are heavier than air and may spread near ground to sources of ignition. The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures. Use engineering controls to reduce air contamination to permissible exposure level. Use explosion proof electric equipment.

USAGE DESCRIPTION

Avoid inhalation of vapours and contact with skin and eyes. Rags and the like, moistened with flammable liquids, must be discarded into designated fireproof bucket.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Store in closed original container at temperatures between 5°C and 25°C. Store away from Acids. Oxidising material. Alkalies.

STORAGE CLASS

Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Provide eyewash station.

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 Workplace Exposure Limit. If ventilation is insufficient, suitable respiratory protection must be provided.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact. Use protective gloves made of: Nitrile.

EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

HYGIENE MEASURES

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

SKIN PROTECTION

Wear apron or protective clothing in case of splashes.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Coloured liquid

COLOUR

Colourless

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ODOUR	ALIPHATIC HYDROCARBON		
SOLUBILITY	Slightly soluble in water.		
BOILING POINT (°C)	152 760 mm Hg	RELATIVE DENSITY	0.778 20 DEG C
VAPOUR DENSITY (air=1)	>1.0	VAPOUR PRESSURE	3.3 mm Hg 20 DEG C
VISCOSITY	N/A	FLASH POINT (°C)	38-41 DEG C Sh CC (Setaflash closed cup).
VOLATILE ORGANIC COMPOUND (VOC)	778 g/litre		

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

MATERIALS TO AVOID

Strong oxidising substances. Acids - organic. Strong alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire, toxic gases (CO, CO₂, NO_x) may be formed.

11 TOXICOLOGICAL INFORMATION**INHALATION**

Harmful by inhalation. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Vapours may cause headache, fatigue, dizziness and nausea.

INGESTION

Harmful if swallowed.

SKIN CONTACT

Product has a defatting effect on skin. Prolonged contact may cause redness, irritation and dry skin.

EYE CONTACT

Irritation of eyes and mucous membranes.

HEALTH WARNINGS

Swallowing concentrated chemical may cause severe internal injury.

MEDICAL SYMPTOMS

Upper respiratory irritation. Nausea, vomiting. Allergic rash.

MEDICAL CONSIDERATIONS

Skin disorders and allergies.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

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

MOBILITY

The product is insoluble in water and will spread on the water surface.

DEGRADABILITY

The product is biodegradable.

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

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PROPER SHIPPING NAME	WHITE SPIRIT		
UN NO. ROAD	1300	ADR CLASS NO.	3
ADR CLASS	Class 3: Flammable liquids.	ADR PACK GROUP	III
IMDG CLASS	3.3	IMDG PACK GR.	III
MARINE POLLUTANT			



15 REGULATORY INFORMATION

LABELLING



Harmful



Dangerous for the environment

CONTAINS NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY; LOW BOILING POINT HYD

RISK PHRASES

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.
R10	Flammable.

SAFETY PHRASES

S13	Keep away from food, drink and animal feeding stuffs.
S29/56	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
S37	Wear suitable gloves.
S43	In case of fire, use alcohol-resistant foam, carbon dioxide or dry powder. Never use water.
S46	If swallowed, seek medical advice immediately and show this container or label.
S51	Use only in well-ventilated areas.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

16 OTHER INFORMATION

ISSUED BY

Technical manager

REVISION DATE 09/11/2009

REV. NO./REPL. SDS GENERATED 1

DATE 9/11/09

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RISK PHRASES IN FULL

R10	Flammable.
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.