



SAFETY DATA SHEET

TamSil 190

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

PRODUCT NAME TamSil 190

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2 HAZARDS IDENTIFICATION

May cause cancer. Harmful: may cause lung damage if swallowed.

CLASSIFICATION Carc 2;R45. Xn;R65.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY; LOW BOILING POINT HYD	265-185-4	Proprietary	60-100%	Carc2;R45 Xn;R65

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

4 FIRST-AID MEASURES

INHALATION

General first aid, rest, warmth and fresh air. Get medical attention if any discomfort continues.

INGESTION

Rinse mouth thoroughly. Provide rest, warmth and fresh air. Get medical attention. DO NOT INDUCE VOMITING!

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Rinse with water. Get medical attention if irritation persists after washing.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with carbon dioxide or dry powder. Alcohol resistant foam. Extinguish with dry sand.

SPECIAL FIRE FIGHTING PROCEDURES

Avoid water in straight hose stream; will scatter and spread fire.

SPECIFIC HAZARDS

In case of fire, toxic gases may be formed. Toxic gases/vapours/fumes of Carbon monoxide (CO). Carbon dioxide (CO2).

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. Do not smoke, use naked flames or other sources of ignition. Avoid contact with skin and eyes. Avoid inhalation of dust and vapours.

TamSil 190**ENVIRONMENTAL PRECAUTIONS**

Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS

If leakage cannot be stopped, evacuate area. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb with sand or other inert absorbent. Transfer to a container for disposal. For waste disposal, see section 13.

7 HANDLING AND STORAGE**USAGE PRECAUTIONS**

Take precautionary measures against static discharges when there is a risk of dust explosion. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Avoid eating, drinking and smoking when using the product.

STORAGE PRECAUTIONS

Keep in original container. Store in a cool and well-ventilated place. Keep away from heat, sparks and open flame. Do not store near heat sources or expose to high temperatures. Avoid contact with oxidising agents. Take precautionary measures against static discharges.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION**ENGINEERING MEASURES**

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

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit. Suitable respiratory protection must be used at high concentrations. Chemical respirator with organic vapour cartridge.

HAND PROTECTION

Neoprene, nitrile, polyethylene or PVC. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Wear approved, tight fitting safety glasses where splashing is probable.

OTHER PROTECTION

Wear rubber footwear.

HYGIENE MEASURES

Wash hands after handling. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. DO NOT SMOKE IN WORK AREA!

SKIN PROTECTION

Protection suit must be worn.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear Colourless liquid		
ODOUR	Slight odour		
SOLUBILITY	Immiscible with water		
BOILING POINT (°C)	150-200 oC	RELATIVE DENSITY	0.76-0.79
VAPOUR PRESSURE	0.44kPa	EVAPORATION RATE	N/D
FLASH POINT (°C)	38 oC	AUTO IGNITION TEMPERATURE (°C)	230 oC
FLAMMABILITY LIMIT - LOWER(%)	0.9	FLAMMABILITY LIMIT - UPPER(%)	8.0

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use. Avoid: Heat, sparks, flames.

MATERIALS TO AVOID

Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

When heated to decomposition ammonia, corrosive vapours and oxides of carbon may be formed.

11 TOXICOLOGICAL INFORMATION**INHALATION**

When working extensively on big surfaces in small and badly ventilated rooms, vapours may develop in concentrations which may cause headache and irritation of the eyes and the respiratory system.

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INGESTION

Pneumonia may be the result if vomited material containing solvents reaches the lungs.

SKIN CONTACT

Prolonged or repeated exposure may cause severe irritation.

EYE CONTACT

Irritating to eyes.

12 ECOLOGICAL INFORMATION

MOBILITY

The product is immiscible with water and will spread on the water surface.

BIOACCUMULATION

The product does not contain any substances expected to be bioaccumulating.

DEGRADABILITY

The product is biodegradable. The product is degraded completely by photochemical oxidation. The product is degraded in a biological purifying plant.

ACUTE FISH TOXICITY

Very toxic to aquatic organisms.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION

PROPER SHIPPING NAME	Resin Solution, Flammable		
UN NO. ROAD	1866	ADR CLASS	Class 3: Flammable liquids.
HAZARD NO. (ADR)	30 Flammable liquid (flash-point between 23°C and 61°C, inclusive) or flammable liquid or solid in the molten state with a flash-point above 61°C, heated to a temperature equal to or above its flash-point, or self heating liquid.	UN NO. SEA	1866
IMDG CLASS	3.3	IMDG PAGE NO.	3379
IMDG PACK GR.	III	MARINE POLLUTANT	



UN NO. AIR	1866	AIR CLASS	3
AIR SUB CLASS	310		

15 REGULATORY INFORMATION

LABELLING



Toxic

CONTAINS

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

RISK PHRASES

- R45 May cause cancer.
- R65 Harmful: may cause lung damage if swallowed.

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SAFETY PHRASES

S38	In case of insufficient ventilation, wear suitable respiratory equipment.
S39	Wear eye/face protection.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S53	Avoid exposure - obtain special instructions before use.
P11	Restricted to professional users.

UK REGULATORY REFERENCES

Health and Safety at Work Act 1974. Chemicals (Hazard Information & Packaging) Regulations.

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.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

NATIONAL REGULATIONS

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

16 OTHER INFORMATION

REVISION DATE 26/11/2008

REV. NO./REPL. SDS GENERATED 2

RISK PHRASES IN FULL

R45 May cause cancer.

R65 Harmful: may cause lung damage if swallowed.

DISCLAIMER

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. TAM International shall not be held liable for any damage resulting from contact with or handling of the above product.