



SAFETY DATA SHEET

Tamsil 290

According to NOHSC: 2011 (2003)

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

| | |
|---------------------|--|
| PRODUCT NAME | Tamsil 290 |
| SUPPLIER | TAM International Australia PTY Ltd 20 Pedder Crescent Regency Park South Australia 5010 Australia +61 8 8340 4166 +61 8 8340 4121 tam@taminternational.com |
| EMERGENCY TELEPHONE | +44 (0)20 8911 2530 |

2 HAZARDS IDENTIFICATION

Harmful by inhalation and if swallowed. Irritating to eyes. Flammable.

Hazardous according to criteria of NOHSC

CLASSIFICATION Xn;R20/22. Xi;R36. R10.

HUMAN HEALTH

Hazardous according to criteria of NOHSC

3 COMPOSITION/INFORMATION ON INGREDIENTS

| Name | EC No. | CAS-No. | Content | Classification |
|--------------|--------|-----------|---------|---------------------|
| WHITE SPIRIT | | 8052-41-3 | >60% | Xn;R20,R22. Xi;R36. |

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

4 FIRST-AID MEASURES

GENERAL INFORMATION

Provide rest, warmth and fresh air. Get medical attention immediately!

NOTES TO THE PHYSICIAN

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

INHALATION

Move the exposed person to fresh air at once.

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.

Tamsil 290

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.

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

INGREDIENT COMMENTS

No exposure allocated

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!

9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------|-------------------------|------------------|--------------|
| APPEARANCE | Clear Colourless liquid | | |
| ODOUR | Slight odour | | |
| BOILING POINT (°C) | 150-200 oC 760 mm Hg | RELATIVE DENSITY | 0.76-0.79 20 |
| VAPOUR PRESSURE | 0.44 kPa 20 | | |

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.

Tamsil 290

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.

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

| | | | |
|----------------------|-----------------------------|------------------|--|
| UK ROAD CLASS | 3 | | |
| PROPER SHIPPING NAME | Resin solution, Flammable | | |
| UN NO. ROAD | 1866 | UK ROAD PACK GR. | III |
| 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. |
| | 30 | UN NO. SEA | 1866 |
| IMDG CLASS | 3.3 | IMDG PAGE NO. | 3379 |
| UN NO. AIR | 1866 | AIR CLASS | 3 |

15 REGULATORY INFORMATION

| | | |
|----------------|--------------|---|
| CONTAINS | WHITE SPIRIT | |
| RISK PHRASES | R20/22 | Harmful by inhalation and if swallowed. |
| | R36 | Irritating to eyes. |
| | R10 | Flammable. |
| SAFETY PHRASES | S26 | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| | S51 | Use only in well-ventilated areas. |
| | S60 | This material and its container must be disposed of as hazardous waste. |

Tamsil 290

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|--------|---|
| S23A | Do not breathe gas/fumes/vapour/spray. |
| S62 | If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. |
| S24/25 | Avoid contact with skin and eyes. |

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. Poisons schedule: None allocated

NATIONAL REGULATIONS

Workplace Exposure Limits 2005 (EH40) The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.
National Code of Practice for the Preparation of Material Safety Data Sheets
2nd Edition [NOHSC:2011(2003)] Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(2004)] 3rd Edition

16 OTHER INFORMATION

REVISION DATE 24/07/2009

REV. NO./REPL. SDS GENERATED 1

RISK PHRASES IN FULL

| | |
|-----|------------------------|
| R20 | Harmful by inhalation. |
| R22 | Harmful if swallowed. |
| R36 | Irritating to eyes. |

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.