



# SAFETY DATA SHEET

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

Product Name: **FOSROC THINNER/CLEANER**

Application: Thinning of Galvafruid and brush cleaner.

Company: **Fosroc Limited**

Address: Coleshill Road, Tamworth, Staffordshire. B78 3TL

Telephone: 01827 262222 Out of Hours: 01827 265279 Fax: 01827 262444

## 2: COMPOSITION/INFORMATION ON INGREDIENTS

Composition: aromatic hydrocarbon solvent.

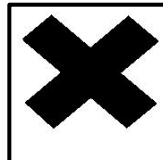
Hazardous Ingredient(s)	Symbol	Risk Phrases	Other Information	%
1,2,4-trimethylbenzene	Xn,N	R10-20-36/37/38-51/53	Cas No: 95-63-6 Cas No: Cas No: Cas No:	>50

All constituents of this product are listed in EINECS (European Inventory of Existing Commercial Chemical Substances) or ELINCS (European List of New Chemical Substances) or are exempt.

Refer to Section 8 for Occupational Exposure Limits.

## 3: HAZARDS IDENTIFICATION

R10: Flammable.  
R20: Harmful by inhalation  
R36/37/38: Irritating to eyes, respiratory system and skin  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.



HARMFUL



Dangerous for the Environment



## 4: FIRST AID MEASURES

Eyes: Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention urgently.

Skin: Wash thoroughly with soap and water or suitable skin cleanser as soon as possible. Remove contaminated clothing immediately. Obtain medical attention if irritation persists.

Inhalation: Remove from exposure, rest and keep warm and obtain medical attention urgently.

Ingestion: Wash out mouth with water. Do NOT induce vomiting. Obtain medical attention urgently. Beware of aspiration if vomiting occurs.

## 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Carbon dioxide, powder, foam or water fog - Do not use water jets.

Special Exposure Hazards: Toxic fumes. For further information see Section 10.

Special Protective Equipment: Self-contained breathing apparatus.

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## 6: ACCIDENTAL RELEASE MEASURES

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Personal Precautions:	Wear suitable protective clothing, gloves and eye/face protection. Immediately issue NO SMOKING and NO NAKED FLAMES warnings.
Environmental Precautions:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures:	Soak up with inert absorbent or contain and remove by best available means. Gather into containers. Dispose of as waste.

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## 7: HANDLING AND STORAGE

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Handling:	Do not use near sources of ignition. Use only in well ventilated areas. Avoid breathing vapours. Avoid skin and eye contact.
Storage:	Store away from sources of ignition. Store out of direct sunlight.

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## 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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Occupational Exposure Limits:-

Substance	8 Hour TWA	STEL	Source/Other Information
Trimethylbenzene,- all isomers or mixtures	125m.mg <sup>-3</sup>	- - -	EH40

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Engineering Control Measures:	Use only in well ventilated areas.
Personal Protective Equipment:	In case of insufficient ventilation wear suitable respiratory equipment. (Class 1 respirator CE marked to EN 140, with EN 141/143 Type A1 filter.). Impervious gloves (eg Nitrile). Safety glasses (Conforming to EN 166) / Goggles (Conforming to EN 166). Change contaminated clothing immediately and clean before re-use.

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## 9: PHYSICAL AND CHEMICAL PROPERTIES

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Physical State:	Liquid.
Colour:	Colourless.
Odour:	Aromatic.
pH(concentrate):	Not applicable (non-aqueous).
pH(working dilution):	
Boiling Point/Range (°C):	164 - 177
Melting Point/Range (°C):	
Flash Point (closed, °C):	44
Autoflammability (°C):	450
Viscosity (at 20°C):	
Explosive Properties (%):	Lower explosive limit (LEL): 0.6%. Upper explosive limit (UEL): 7.0%.
Oxidising Properties:	Not determined.
Vapour Pressure (kPa at 20°C):	~0.2
Relative Density (at 20°C):	0.87
Water Solubility:	Insoluble.
Fat Solubility:	
Partition Coefficient (n-octanol/water):	
Other data:	Evaporation rate (n-butyl acetate = 1): 0.16

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## 10: STABILITY AND REACTIVITY

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Stability:	Stable. Contains volatile solvent.
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Conditions to Avoid: Any source of ignition. Direct sunlight.  
Materials to Avoid: Strong oxidising agents.  
Hazardous Decomposition Products: Thermal decomposition:- Oxides of carbon.

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## 11: TOXICOLOGICAL INFORMATION

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Expected oral LD50, rat > 2g/kg.

### Health Effects

On Eyes: Irritating, but does not injure eye tissue. Vapour may cause irritation.  
On Skin: Irritation. May defat the skin. May cause sensitisation.  
By Inhalation: May cause respiratory irritation. Vapours may cause headaches, dizziness and central nervous system depression.  
By Ingestion: May cause irritation of mouth, throat and digestive tract. Aspiration of liquid during ingestion or from vomiting may cause severe chemical pneumonitis.  
Chronic: Repeated and prolonged skin contact may lead to skin disorders.  
Other:

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## 12: ECOLOGICAL INFORMATION

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Environmental Assessment: Little detailed information is available on the ecological effects of this product, but its overall environmental impact is not regarded as significant.  
Mobility: Mobile liquid. Insoluble in water. Contains volatile components.  
Persistence and Degradability: Not readily biodegradable, but is inherently biodegradable. Volatile organic compounds undergo photochemical degradation in the atmosphere.  
Bioaccumulative Potential: Bioaccumulative, however with short retention period of the order of one week or less.  
Ecotoxicity: Moderately ecotoxic to marine organisms.

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## 13: DISPOSAL CONSIDERATIONS

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Disposal must be in accordance with local and national legislation.

Unused Product: May be sent for reclamation.  
Used/Contaminated Product: Dispose of through an authorised waste contractor to a licensed site. Do not empty into drains, sewers or water courses.  
Packaging: Must be disposed of through an authorised waste contractor. May be steam cleaned and recycled. Contains volatile solvent, ventilate before steam cleaning (explosion risk). Contains flammable residues, do not crush or incinerate.

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## 14: TRANSPORT INFORMATION

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UN Number: 1268  
IMO: Class: 3 Packing Group: III Marine Pollutant: Yes  
IATA/ICAO: Class: 3 Packing Group: III  
ADR: Class: 3 Item: 31 (c)  
Transport Name: Petroleum distillates, nos.  
Hazchem/Kemler Code: 3[Y] / 30

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## 15: REGULATORY INFORMATION

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### Hazard Label Data:-

Named Ingredients: Trimethylbenzene  
UN Number: 1268  
Symbol(s): Xn, N

Risk Phrases: R10: Flammable.  
R20: Harmful by inhalation  
R36/37/38: Irritating to eyes, respiratory system and skin  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases: S16: Keep away from sources of ignition - No smoking  
S24/25: Avoid contact with skin and eyes  
S37/39: Wear suitable gloves and eye/face protection  
S51: Use only in well ventilated areas

EC Directives: Dangerous Substances Directive, 67/548/EEC and adaptations.  
Dangerous Preparations Directive, 88/379/EEC.  
Safety Data Sheets Directive, 91/155/EEC.

Statutory Instruments: Health & Safety at Work, etc. Act 1974.  
Chemicals (Hazard Information and Packaging for Supply) (Amendment) Regs. 1996 (SI 1092).  
Environmental Protection (Duty of Care) Regs. 1991 (SI 2839).

Codes of Practice: Waste Management. The Duty of Care.

Guidance Notes: Occupational exposure limits (EH 40).  
Occupational skin diseases: health and safety precautions (EH 26).

The above publications are available from HMSO

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## 16: OTHER INFORMATION

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\* The classification as a carcinogen need not apply as this substance contains less than 0.1% w/w benzene.

The data and advice given apply when the product is used for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. The product should not be used other than for the stated application or applications without seeking advice from Fosroc Ltd.

If this product has been purchased for supply to a third party for use at work, it is the purchaser's duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

It is the responsibility and duty of the employer to inform employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken.

This sheet does not constitute or substitute for the users own assessment of workplace risk, as required by other health and safety legislation.

Further copies of this Safety Data Sheet may be obtained from Fosroc Limited.

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## REVISION

Supersedes issue no: 04 dated: 10.11.00

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