SAFETY DATA SHEET
ISOFLEX CLEAN UP FLUID

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name ISOFLEX CLEAN UP FLUID

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses A clear, colourless solvent for cleaning up small spillages and equipment etc. after application of Isoflex. Not recommended for diluting Isoflex products. Do not use for removal of Isoflex from skin.

1.3. Details of the supplier of the safety data sheet

Supplier
Ronseal Ltd
Thorncliffe Park
Chapeltown
Sheffield
S35 2YP
+44 (0) 114 246 7171
enquiry@ronseal.co.uk

Contact Person sds@ronseal.co.uk

1.4. Emergency telephone number

Tel +44 (0) 114 246 7171 (office hours only)
Fax +44 (0) 114 245 5629

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Xn;R20, R65. Xi;R37/38. N;R51/53. R10.

2.2. Label elements

Contains Solvent naphtha (petroleum), light arom.

Labelling



Harmful



Dangerous for the environment

Risk Phrases

R10	Flammable.
R20	Harmful by inhalation.
R37/38	Irritating to respiratory system and skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.

Safety Phrases

S2	Keep out of the reach of children.
S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28	After contact with skin, wash immediately with plenty of water.
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.
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.
S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

1,2,4-TRIMETHYLBENZENE **10-25%**

CAS-No.: 95-63-6 **EC No.: 202-436-9**

Classification (EC 1272/2008)	Classification (67/548/EEC)
Flam. Liq. 3 - H226	R10
Acute Tox. 4 - H332	Xn;R20
Skin Irrit. 2 - H315	Xi;R36/37/38
Eye Irrit. 2 - H319	N;R51/53
STOT SE 3 - H335	
Aquatic Chronic 2 - H411	

CUMENE **< 1%**

CAS-No.: 98-82-8 **EC No.: 202-704-5**

Classification (EC 1272/2008)	Classification (67/548/EEC)
Flam. Liq. 3 - H226	R10
STOT SE 3 - H335	Xn;R65
Asp. Tox. 1 - H304	Xi;R37
Aquatic Chronic 2 - H411	N;R51/53

MESITYLENE **2.5-10%**

CAS-No.: 108-67-8 **EC No.: 203-604-4**

Classification (EC 1272/2008)	Classification (67/548/EEC)
Flam. Liq. 3 - H226	R10
STOT SE 3 - H335	Xi;R37
Aquatic Chronic 2 - H411	N;R51/53

Solvent naphtha (petroleum), light arom. **25-50%**

CAS-No.: 64742-95-6 **EC No.: 265-199-0**

Classification (EC 1272/2008)	Classification (67/548/EEC)
Not classified.	Xn;R65. N;R51/53.

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XYLENE		2.5-10%
CAS-No.: 1330-20-7	EC No.: 215-535-7	

Classification (EC 1272/2008)	Classification (67/548/EEC)
Flam. Liq. 3 - H226	R10
Acute Tox. 4 - H312	Xn;R20/21
Acute Tox. 4 - H332	Xi;R38
Skin Irrit. 2 - H315	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation

Remove to fresh air, keep the patient warm and at rest. If breathing has stopped administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek medical advice.

Ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

Skin contact

Remove contaminated clothing. Wash skin thoroughly with soap and water, or use a recognised skin cleanser. Do NOT use solvents or thinners. Seek medical advice if any irritation persists.

Eye contact

Contact lenses should be removed. Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Fire can be extinguished using: recommended: alcohol resistant foam, carbon dioxide (CO_2), powders, water spray/ mist. Not to be used for safety reasons: water jet.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

Special Fire Fighting Procedures

Fire will produce dense black smoke containing hazardous products of combustion (see Section 10). Exposure to decomposition products may be hazardous to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or watercourses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in Section 7 and 8. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth or vermiculite, and place in a suitable container for disposal in accordance with the waste regulations (see Section 13). Clean preferably with a detergent; avoid the use of solvents. If the product enters drains or sewers, immediately contact the local water company; in the case of contamination of streams, rivers or lakes, the relevant environment agency.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits. Keep away from heat, sparks and open flame. Avoid skin and eye contact. Avoid inhalation of vapour. Avoid inhalation of dust.
Where possible, wet flatting methods or chemical strippers should be used to avoid the creation of dust. When dry flatting cannot be avoided and effective local exhaust ventilation is not available, a suitable dust respirator to BS 2091, fitted with a particulate cartridge, and suitable for lead dust, should be worn.
Application cloths and soiled rags impregnated with products containing high levels of drying oils, such as linseed oil, teak oil, etc, may self-ignite without warning. Dispose of safely to avoid fire risks. Lay out flat in single layers to dry or wash out well in warm soapy water before disposal.
For personal protection, refer to Section 8.
The Manual Handling Operations Regulations may apply to the handling of containers/packages of this product. Refer to the guide weight indicated on the container when carrying out assessments.

7.2. Conditions for safe storage, including any incompatibilities

Observe the label precautions. Store between 5°C and 25°C in a dry, well ventilated place away from sources of heat and direct sunlight. Keep in a cool, dry, well ventilated place, away from sources of heat, ignition and direct sunlight. No smoking. Store separately from oxidising agents and strongly alkaline and strongly acidic materials. Always keep in containers made of the same material as the supply container.
The principles contained in the HSE Guidance Note: Storage of Packaged Dangerous Substances, should be observed when storing this product.
To avoid the risk of spillage, always store and transport in a secure and upright position.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
1,2,4-TRIMETHYLBENZENE	WEL	25 ppm	125 mg/m3			
CUMENE	WEL	25 ppm(Sk)	125 mg/m3(Sk)	50 ppm(Sk)	250 mg/m3(Sk)	
MESITYLENE	WEL	25 ppm	125 mg/m3			
Solvent naphtha (petroleum), light arom.	SUP		200 mg/m3			
XYLENE	WEL	50 ppm(Sk)	220 mg/m3(Sk)	100 ppm(Sk)	441 mg/m3(Sk)	

WEL = Workplace Exposure Limit.

Ingredient Comments

WEL = Workplace Exposure Limits SUP = Supplier's recommendation.

8.2. Exposure controls

Engineering measures

Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and/or solvent vapours below the relevant occupational exposure limits, suitable respiratory protective equipment should be worn.

Respiratory equipment

If exposure to hazardous substances identified above cannot be controlled by the provision of local exhaust ventilation and good general extraction, suitable respiratory protective equipment should be worn.

Hand protection

When skin exposure may occur, advice should be sought from glove suppliers on appropriate types. Barrier creams may help to protect exposed areas of skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

Eye protection

Eye protection designed to protect against liquid splashes should be worn.

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Other Protection

Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner. Do not use solvents or thinners as skin cleaning agents. All personal protective equipment, including respiratory protective equipment, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH Regulations.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Very low viscosity liquid.
Colour	Colourless.
Odour	Characteristic solvent type.
Solubility	Immiscible with water.
Initial boiling point and boiling range	160-200 760 mm Hg
Melting point (°C)	<-30
Vapour pressure	0.33 kPa 20
Flash point	44 CC (Closed cup).
Auto Ignition Temperature (°C)	350
Flammability Limit - Lower(%)	0.8
Flammability Limit - Upper(%)	7.0

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Stable if stored under recommended storage and handling conditions (see section 7).

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.

10.5. Incompatible materials

10.6. Hazardous decomposition products

In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

There is no data available on the product itself. The product has been assessed following the conventional method in CHIP and is classified for toxicological hazards accordingly. This takes into account, where known, delayed and immediate effects and also chronic effects from components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact. See Sections 2 and 15 for details of the resulting hazard classification.

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

Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Splashes in the eyes may cause irritation and reversible local damage.

Solvents may cause some of the above effects by absorption through the skin.

Contains Cobalt 2-Ethylhexanoate; EMKO: May produce an allergic reaction.

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SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product has been assessed following the conventional method in CHIP and is classified for ecological hazards accordingly. See Sections 3 and 15 for details.

12.1. Toxicity

Acute Fish Toxicity

There is no data available on the mixture itself.

12.2. Persistence and degradability

Degradability

There is no data available on the product itself.

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Do not allow into drains or watercourses, or dispose of where ground or surface waters may be affected. Wastes and emptied containers are controlled wastes and should be disposed of in accordance with The Environmental Protection (Duty of Care) Regulations (in England, Scotland & Wales) or The Controlled Waste (Duty of Care) Regulations in Northern Ireland. Using information provided in this data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers.

SECTION 14: TRANSPORT INFORMATION

General

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in an accident or spillage.
Limited Quantity concessions may apply to the carriage of this product.

Sea Transport Notes Marine Pollutant [Petroleum Distillates]

14.1. UN number

UN No. (ADR/RID/ADN) 1268

UN No. (IMDG) 1268

14.2. UN proper shipping name

Proper Shipping Name PETROLEUM DISTILLATES N.O.S

14.3. Transport hazard class(es)

ADR/RID/ADN Class Class 3: Flammable liquids.

IMDG Class 3

Transport Labels

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14.4. Packing group

ADR/RID/ADN Packing group	III
IMDG Packing group	III

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant



14.6. Special precautions for user

EMS	F-E; S-E
Tunnel Restriction Code	(D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Uk Regulatory References

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks as required by other health and safety legislation.
The provisions of the Health and Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

The Manual Handling Operations Regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations.
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations.

European Agreement concerning the International Carriage of Dangerous Goods by Road [ADR]

Guidance Notes

Occupational Exposure Limits EH40

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. 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.

Water hazard classification

There is no data available on the product itself. The product should not be allowed to enter drains or watercourses, or be deposited where it can affect ground or surface waters.

15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

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General information

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.
The product should not be used for purposes other than those shown in section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.
Information shown on product label, as required by Article 11 (3) and Annex VII A of the EC Detergents Regulations No. 648/2004/EU.
Contains 30% or more aromatic hydrocarbons.

For specific guidance contact Ronseal Technical Services. [Helpline +44 (0) 114 240 9469] ; Email: enquiry@ronseal.co.uk

Revision Comments

New format.

Revision Date	03-12-2012
SDS No.	10367/1
Safety Data Sheet Status	Approved.

Risk Phrases In Full

R10	Flammable.
R20/21	Harmful by inhalation and in contact with skin.
R20	Harmful by inhalation.
R65	Harmful: may cause lung damage if swallowed.
R36/37/38	Irritating to eyes, respiratory system and skin.
R37/38	Irritating to respiratory system and skin.
R37	Irritating to respiratory system.
R38	Irritating to skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full

H319	Causes serious eye irritation.
H315	Causes skin irritation.
H226	Flammable liquid and vapour.
H332	Harmful if inhaled.
H312	Harmful in contact with skin.
H304	May be fatal if swallowed and enters airways.
H335	May cause respiratory irritation.
H411	Toxic to aquatic life with long lasting effects.

Disclaimer

Information contained in this Safety Data Sheet is based on data considered to be accurate at the time of its preparation. Despite our efforts, it may not be up to date or applicable to the circumstances of any particular case. ,
The supplier accepts no responsibility whatsoever (except otherwise provided in law) for any damage or injury resulting from abnormal use, from any failure to follow appropriate practices or from hazards inherent in the product.