



SAFETY DATA SHEET

Page 1 of 3

Orange Plate Cleaner

Revision 0
Revision date

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name Orange Plate Cleaner
Company Future Developments Manufacturing Ltd
Davenport Street
Burslem
Stoke on Trent
ST6 4HS
Staffordshire
sales@fdev.co.uk
www.fdev.co.uk
Telephone 01782 826870
Fax 01782 816392
Emergency telephone number 01782 829000

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Orange Terpenes	40 - 50%	8028-48-6	232-433-8	Xi; R38 N; R50/53 R10
Isopropanol (Propan-2-ol)	40 - 50%	67-63-0	200-661-7	F; R11 Xi; R36 R67

3. HAZARDS IDENTIFICATION

Main hazards Flammable Irritating to eyes and skin. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness.

4. FIRST AID MEASURES

Skin contact May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Eye contact May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Inhalation Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.

Ingestion Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist.

General information In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

5. FIRE FIGHTING MEASURES

Extinguishing media Carbon oxides. Alcohol resistant foam.

Fire hazards Burning produces irritating, toxic and obnoxious fumes.

Protective equipment Wear suitable respiratory equipment when necessary.

Print date 3-May-2007

Orange Plate Cleaner

Revision 0
Revision date

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Eliminate all sources of ignition. Wear suitable protective equipment.
Environmental precautions	Do not allow product to enter drains. Prevent further spillage if safe.
Clean up methods	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7. HANDLING AND STORAGE

Handling	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition - No smoking.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm: 400 WEL 15 min limit ppm: 500	WEL 8-hr limit mg/m3: 999 WEL 15 min limit mg/m3: 1250
Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm: 400 WEL 15 min limit ppm: 500	WEL 8-hr limit mg/m3: 999 WEL 15 min limit mg/m3: 1250

Engineering measures	Ensure adequate ventilation of the working area.
Respiratory protection	Wear suitable respiratory equipment when necessary.
Hand protection	Chemical resistant gloves (PVC)
Eye protection	Approved safety goggles.
Protective equipment	Wear chemical protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid.
Colour	White.
Odour	Pungent.
Flash point	46 to 50°C

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to avoid	Heat, sparks and open flames.
Materials to avoid	Oxidising agents.

11. TOXICOLOGICAL INFORMATION

Toxicological information

Orange Terpenes	Oral Rat LD50 = 4400 mg/kg Dermal Rabbit LD50 = >2000 mg/kg
-----------------	--

Corrosivity	Irritating to skin.
--------------------	---------------------

12. ECOLOGICAL INFORMATION

Degradability	The product shows a good biological compition according to OECD criteria (.95%)
----------------------	---

Orange Plate Cleaner

Revision 0
Revision date

13. DISPOSAL CONSIDERATIONS

General information Dispose of in compliance with all local and national regulations.

14. TRANSPORT INFORMATION

ADR/RID

UN 1993	Packing group III
Class 3	Hazard ID 33
Proper Shipping Name FLAMMABLE LIQUID, N.O.S.	

IMDG

UN 1993	Packing group III
Class 3	Marine pollutant .
EmS Code F-E S-E	

IATA

UN 1993	Packing group III
Class 3	Subsidiary risk -
Packing Instruction (Cargo) 310	Maximum quantity 220 L
Packing Instruction (Passenger) 309	Maximum quantity 60 L

15. REGULATORY INFORMATION

Labelling The product is classified in accordance with 67/548/EEC.

Symbols Xi - Irritant; N - Dangerous for the environment



Risk phrases

- R10 - Flammable.
- R36/38 - Irritating to eyes and skin.
- R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R67 - Vapours may cause drowsiness and dizziness.

Safety phrases S29 - Do not empty into drains.

16. OTHER INFORMATION

Text of risk phrases in Section 2

- R10 - Flammable.
- R11 - Highly flammable.
- R36 - Irritating to eyes.
- R38 - Irritating to skin.
- R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R67 - Vapours may cause drowsiness and dizziness.

Further information The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.