

SAFETY DATA SHEET

H2 ORANGE CLEANER & DEGREASER

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME H2 ORANGE CLEANER & DEGREASER
 PRODUCT NO. SVTN1OC
 SUPPLIER James Briggs a division of ITW Ltd.
 Salmon Fields
 Royton, Oldham
 England OL2 6HZ
 0161 627 0101
 0161 627 0971
 btomlinson@jamesbriggs.co.uk

2 HAZARDS IDENTIFICATION

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION R52/53.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ORANGE TERPENES	232-433-8	8028-48-6	< 1%	Xn;R65. Xi;R38. N;R50/53. R10.
SODIUM DODECYLBENZOLSULPHONATE		25155-30-0	1-5%	Xn;R22. Xi;R38,R41.
SODIUM HYDROXIDE	215-185-5	1310-73-2	< 1%	C;R35

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

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.

SKIN CONTACT

Remove affected person from source of contamination. Get medical attention if irritation persists after washing.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

H2 ORANGE CLEANER & DEGREASER

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
ORANGE TERPENES		100 ppm			
SODIUM HYDROXIDE	WEL				2 mg/m3

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

EYE PROTECTION

If risk of splashing, wear safety goggles or face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Orange
ODOUR	Characteristic
SOLUBILITY	Soluble in water.
RELATIVE DENSITY	>1.0 @20°C

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO2).

11 TOXICOLOGICAL INFORMATION

INHALATION

May cause irritation to the respiratory system.

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

May cause skin irritation/eczema

EYE CONTACT

Irritating to eyes.

ROUTE OF ENTRY

Inhalation. Ingestion. Skin and/or eye contact.

12 ECOLOGICAL INFORMATION

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ECOTOXICITY

Dangerous for the environment if discharged into watercourses.

DEGRADABILITY

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION

GENERAL	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).		
	No transport warning sign required.		
AIR TRANSPORT NOTES	Not Classified.		
ADR CLASS	Not classified for transportation.	HAZARD NO. (ADR)	90 Environmentally hazardous substance; miscellaneous dangerous substances.
MARINE POLLUTANT	No.		

15 REGULATORY INFORMATION

RISK PHRASES

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

S56 Dispose of this material and its container to hazardous or special waste collection point.
 S2 Keep out of the reach of children
 S46 If swallowed, seek medical advice immediately and show this container or label.

DETERGENT LABELLING

< 5% Soap
 Non-ionic surfactants
 EDTA and salts thereof
 Perfumes

STATUTORY INSTRUMENTS

The Control of Substances Hazardous to Health Regulations 2002.
 The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.
 Safety Data Sheets for Substances and Preparations.

GUIDANCE NOTES

Workplace Exposure Limits EH40.
 Introduction to Local Exhaust Ventilation HS(G)37.
 CHIP for everyone HSG(108).

16 OTHER INFORMATION

REVISION DATE 13/02/2008

REV. NO./REPL. SDS GENERATED 9

RISK PHRASES IN FULL

R10	Flammable.
R22	Harmful if swallowed.
R35	Causes severe burns.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.

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DISCLAIMER

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

Ingredient Data Sheet (Website)

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Salmon Fields
Royton, Oldham
England OL2 6HZ
0161 627 0101
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btomlinson@jamesbriggs.co.uk

PREPARATION IDENTIFICATION

SDS NUMBER 53756
PREPARATION NAME H2 ORANGE CLEANER & DEGREASER
PRODUCT CODE NO. SVTN10C
ADDED Oct 11 2006 11:39AM
LAST MODIFIED Feb 13 2008 11:37AM

DETERGENT INGREDIENT INFORMATION

	NAME
1	TAP WATER
2	DIPROPYLENE GLYCOL MONOMETHYL ETHER
3	SODIUM DODECYLBENZOLSULPHONATE
4	TRIDECYL ALCOHOL ETHOXYLATE
5	ORANGE TERPENES
6	EDTA TETRASODIUM SALT
7	Parfum
8	BUTYLATED HYDROXY TOLUENE
9	NATRIUMHYDROXIDE
10	DYACID YELLOW 2G
11	DYACID ROSE 2G 220%

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SUPPLY LABEL INFORMATION

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