

## SAFETY DATA SHEET

**ORANGE SCRUB: 3LT** 

# 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product code : KU402HCG10

Product name : ORANGE SCRUB; 3LT

Manufacturer / Distributor : Flint Group,

Print Media Europe,

Varn House,

Northbank Industrial Park,

Irlam,

Greater Manchester,

M44 5BL England.

e-mail address of person

: compliance.centre@flintgrp.com

responsible for this SDS

: +44 (0) 161 775 5412

Product use

Telephone no.

: Printing ink or Additive

History

Date of printing : 22.06.2011.

Date of issue/ Date of : 06.10.2010.

revision

**Date of previous issue** : No previous validation.

Version : 2

#### 2. HAZARDS IDENTIFICATION

#### Classification and labeling according to Regulation (EC) 1907/2006 (REACH)

Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.

The product is classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : R52/53

**Environmental hazards**: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic

environment.

Risk phrases : R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the

aquatic environment.

Safety phrases : S60- This material and its container must be disposed of as hazardous waste.

Contains :

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances presenting a health or environmental hazard within the meaning of the Dangerous Substances Directive 67/548/EEC.

Chemical name	%	REACH Registration number	CAS number	EC number	Classification	
Alcohols, C6-12, ethoxylated	3-5		68439-45-2		Xn; R22 Xi; R41	[1]
orange turpentine oil	0.25-1		8028-48-6		R10 Xn; R65 Xi; R38 N; R50/53	[1]

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#### COMPOSITION/INFORMATION ON INGREDIENTS

See section 16 for the full text of the R-phrases declared above

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [3] PBT-substance
- [4] vPvB-substance

Occupational exposure limits, if available, are listed in section 8.

Hazardous ingredients / Classification according to Regulation (EC) 1272/2008 (CLP)

Chemical name	CAS number	Classification
Alcohols, C6-12, ethoxylated	68439-45-2	ACUTE TOXICITY: ORAL - Category 4 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1
orange turpentine oil	8028-48-6	FLAMMABLE LIQUIDS - Category 3 SKIN CORROSION/IRRITATION - Category 2 ASPIRATION HAZARD - Category 1 AQUATIC TOXICITY (ACUTE) - Category 1 AQUATIC TOXICITY (CHRONIC) - Category 1

#### FIRST AID MEASURES

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General : In all cases of doubt, or when symptoms persist, seek medical attention. Never give

anything by mouth to an unconscious person. If unconscious, place in recovery

position and seek medical advice.

Inhalation : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is

irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by

trained personnel.

: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and Skin contact

water or use recognized skin cleanser. Do NOT use solvents or thinners.

: Check for and remove any contact lenses. Immediately flush eyes with running water Eye contact

for at least 15 minutes, keeping eyelids open. Seek immediate medical

Ingestion : If swallowed, seek medical advice immediately and show this container or label.

Keep person warm and at rest. Give nothing by mouth. Do NOT induce vomiting.

#### FIRE-FIGHTING MEASURES

Extinguishing media

Extinguishing media not to be used

Recommendations

: Recommended:, alcohol-resistant foam, CO<sub>2</sub>, powders, water spray

: Do not use water jet.

: Fire will produce dense black smoke., Exposure to decomposition products may cause a health hazard., Appropriate breathing apparatus may be required., Cool closed containers exposed to fire with water., Do not release runoff from fire to

drains or watercourses.

#### **ACCIDENTAL RELEASE MEASURES**

Personal precautions

: Exclude sources of ignition and ventilate the area. Avoid breathing vapor or spray. Refer to protective measures listed in sections 7 and 8.

**Environmental precautions** 

: Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local

regulations.

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#### **ACCIDENTAL RELEASE MEASURES**

Methods for cleaning up

: Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Preferably clean with a detergent. Avoid using solvents.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

#### HANDLING AND STORAGE

Handling

: Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapors in air and avoid vapor concentrations higher than the occupational exposure limits. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. To dissipate static electricity during transfer, ground drum and connect to receiving container with bonding strap. Operators should wear antistatic footwear and clothing and floors should be of the conducting type. Keep container tightly closed. Keep away from heat, sparks and flame. No sparking tools should be used. Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Put on appropriate personal protective equipment (see section 8). Always keep in containers made from the same material as the original one. Comply with the health and safety at work laws.

**Storage** 

: Store in accordance with local regulations. Observe label precautions. Store between the following temperatures: 5 to 35°C (41 to 95°F). Store in a dry, cool and wellventilated area. Keep away from heat and direct sunlight. Keep away from sources of ignition. Keep away from: oxidizing agents, strong

alkalis, strong acids.

No smoking. Prevent unauthorized access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not empty into drains.

#### **EXPOSURE CONTROLS/PERSONAL PROTECTION**

Occupational exposure

limits

: Not applicable.

**Exposure controls** 

: 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 solvent vapors below the OEL, suitable respiratory protection must be worn.

#### Occupational exposure controls

Respiratory system

: If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.

Skin and body

: Personnel should wear antistatic clothing made of natural fibers or of hightemperature-resistant synthetic fibers.

Hands

: The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.

**Gloves** : None available.

: Use safety eyewear designed to protect against splash of liquids. **Eyes** 

**Environmental exposure** 

controls

: Do not allow to enter drains or watercourses.

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#### PHYSICAL AND CHEMICAL PROPERTIES 9.

#### **General information**

**Appearance** 

**Physical state** : Liquid. Color : Orange. Odor : Characteristic. : Not available. **Odor threshold** 

#### Important health, safety and environmental information

pН : 6 to 7

**Boiling point** : Not available. **Melting point** : Not available.

Flash point : Closed cup: 89°C [theoretical]

**Explosive properties** : Not available. Lower explosion limit : Not available. Oxidizing properties : Not available. : < 0.1 hPa Vapor pressure Density : ~ 1 g/cm<sup>3</sup>

Solubility : insoluble in water. Octanol/water partition : Not available.

coefficient

**Viscosity** : Kinematic (20°C (68°F)): 0.073 cm<sup>2</sup>/s (7.3 cSt)

Vapor density : Not available. : Not available. **Evaporation rate** : Not available. **Decomposition temperature Auto-ignition temperature** : Not available.

#### 10. STABILITY AND REACTIVITY

Conditions to avoid : Stable under recommended storage and handling conditions (see section 7). When

exposed to high temperatures may produce hazardous decomposition products.

Materials to avoid : Keep away from the following materials to prevent strong exothermic reactions:

oxidizing agents, strong alkalis, strong acids.

Hazardous decomposition

products

: Decomposition products may include the following materials: carbon monoxide.

carbon dioxide, smoke, oxides of nitrogen.

#### 11. TOXICOLOGICAL INFORMATION

There is no data available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly. See sections 3 and 15 for details.

Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin. Ingestion may cause gastrointestinal irritation and diarrhea. If splashed in the eyes, the liquid may cause irritation and reversible damage.

#### **Toxicokinetics**

: Not available. **Absorption** Distribution : Not available. : Not available. Metabolism Elimination : Not available.

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#### Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

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#### 11. TOXICOLOGICAL INFORMATION

Acute toxicity : Not available.

Chronic toxicity : Not available.

Carcinogenicity : Not available.

Mutagenicity : Not available.

Teratogenicity : Not available.

Reproductive toxicity : Not available.

#### 12. ECOLOGICAL INFORMATION

There is no data available on the preparation itself.

Do not allow to enter drains or watercourses.

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is classified for eco-toxicological properties accordingly. See sections 3 and 15 for details.

#### Aquatic ecotoxicity

Product/ingredient name	Result	Species	Exposure
Not available.			

#### **Ecological information**

#### Persistence/degradability

Product/ingredient name	Test	Result		Dose		Inoculum
Not available.						
Due du et/in ave die at mense	A supplied by all life		Disatalasia		D: 1	
Product/ingredient name	Aquatic half-life		Photolysis		Rioded	radability

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
Not available.			

PBT : Not applicable.

vPvB : Not applicable.

#### 13. DISPOSAL CONSIDERATIONS

Do not allow to enter drains or watercourses.

Dispose of according to all federal, state and local applicable regulations.

Methods of disposal

: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

European waste catalogue

(EWC)

: Not available.

Hazardous waste

: The classification of the product may meet the criteria for a hazardous waste.

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#### 14. TRANSPORT INFORMATION

#### International transport regulations

**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 the event of an accident or spillage.

This product is not regulated for carriage according to ADR/RID, IMDG, ICAO/IATA.

#### 15. REGULATORY INFORMATION

Chemical Safety Assessment : This product contains substances for which Chemical Safety Assessments are still required.

**EU** regulations

: The product is classified as dangerous according to Directive 1999/45/EC and its

amendments.

See sections 2 and 3 for details.

VOC content

Industrial use

: <1%

**Europe inventory** 

: All components are listed or exempted.

: 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 national health and safety at work regulations apply

to the use of this product at work.

### **16. OTHER INFORMATION**

**CEPE MSDS Code** 

: 1

Full text of R-phrases referred to in sections 2 and

: R10- Flammable.

referred to in sections 2 and 3 - Europe

R22- Harmful if swallowed.

R65- Harmful: may cause lung damage if swallowed.

R41- Risk of serious damage to eyes.

R38- Irritating to skin.

R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the

aquatic environment.

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

aquatic environment.

The information in this Safety Data Sheet is required pursuant to EU Directive 91/155/EEC and its amendments.

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Version : 2

Indicates information that has changed from previously issued version.

#### **Notice to reader**

The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.

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