



SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 453/2010)

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

1.1. Product identifier

Product name : OWATROL SOLID COLOR STAIN
Product code : SCS02
(All tones)

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

Solid Finish for exterior wood

1.3. Details of the supplier of the safety data sheet

Registered company name : DURIEU S.A..
Address : Z.A.I. "La Marinière" 2,bis rue Charles de Gaulle.91070.BONDOUFLE.FRANCE.
Telephone : + 33 (0)1.60.86.48.70. Fax : + 33 (0)1.60.86.84.84.
info@durieu.com
www.durieu.com

1.4. Emergency telephone number : + 33 (0)1.45.42.59.59.

Association/Organisation : INRS <http://www.centres-antipoison.net>.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

May produce an allergic reaction (EUH208).
This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.
This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).
This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

May produce an allergic reaction.
This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.
This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).
This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

In compliance with EC regulation No. 1272/2008 and its amendments.

Additional labeling :
EUH208 Contains BUTYLCARBAMATE DE 3-IODO-2-PROPYNYLE. May produce an allergic reaction.
EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

Precautionary statements - General :

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.

Precautionary statements - Prevention :

P260 Do not breathe dust vapours.
P262 Do not get in eyes, on skin, or on clothing.

Precautionary statements - Response :

P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

2.3. Other hazards

The mixture does not contain any substances classified as 'Substances of Very High Concern' (SVHC) by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>
The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

**Composition :**

Identification	(EC) 1272/2008	67/548/EEC	Note	%
CAS: 37244-96-5 NEPHELINE SYENITE			[1]	10 <= x % < 25
CAS: 13463-67-7 EC: 236-675-5 TITANIUM DIOXYDE			[1]	10 <= x % < 25
EC: 918-481-9 REACH: 01-2119457273-39 HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS	GHS08 Dgr Asp. Tox. 1, H304 EUH:066	Xn Xn;R65 R66		2.5 <= x % < 10
EC: 919-164-8 REACH: 01-2119473977-17 HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2-25%)	GHS08 Dgr Asp. Tox. 1, H304 EUH:066	Xn Xn;R65 R66		2.5 <= x % < 10
CAS: 55406-53-6 EC: 259-627-5 BUTYLCARBAMATE DE 3-IODO-2-PROPYNYLE	GHS06, GHS05, GHS09 Dgr Acute Tox. 4, H302 Skin Sens. 1, H317 Eye Dam. 1, H318 Acute Tox. 3, H331 STOT SE 3, H335 Aquatic Acute 1, H400 M Acute = 10	Xn,N Xn;R20/22 Xi;R41-R37-R43 N;R50		0 <= x % < 2.5
INDEX: 613-088-00-6 CAS: 2634-33-5 EC: 220-120-9 1,2-BENZISOTHIAZOL-3 (2H)-ONE	GHS05, GHS07, GHS09 Dgr Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 M Acute = 1	Xn,N Xn;R22 Xi;R38-R41-R43 N;R50		0 <= x % < 2.5

**Information on ingredients :**

[1] Substance for which maximum workplace exposure limits are available.

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.
NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures**In the event of exposure by inhalation :**

In the event of an allergic reaction, seek medical attention.
If a large quantity is inhaled, move the patient to the fresh air.

In the event of splashes or contact with eyes :

Wash thoroughly with soft clean water for 15mn holding the eyelids open.
Refer to an ophthalmologist in particular if there is any redness, pain or visual impair.

**In the event of splashes or contact with skin :**

In the event of an allergic reaction, seek medical attention.
Wash thoroughly with soft clean water.

In the event of swallowing :

Seek medical attention, showing the label.

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

No data available.

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

No data available.

SECTION 5 : FIREFIGHTING MEASURES

This product is not classed as flammable.

5.1. Extinguishing media

Suitable methods of extinction

Alcohol resistant foam, CO₂, Dry chemical powder.

In the event of fire, use appropriate extinguishing media. Never use water.

Unsuitable methods of extinction

Water may be ineffective as extinguishing medium but may be used to cool closed containers exposed to heat.

Direct water jet.

Water may be ineffective as extinguishing medium but may be used to cool closed containers exposed to heat.

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO₂)
- nitrogen oxide (NO)
- nitrogen dioxide (NO₂)

5.3. Advice for firefighters

No data available.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For fire-fighters

Fire-fighters will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Avoid getting on skin or in eyes when handling product.

Fire prevention :

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

Stock between +5°C and +30°C in a dry, well ventilated place.

Storage

Keep out of reach of children.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits :

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
13463-67-7	10 mg/m ³	-	-	-	-

- Canada / Alberta (Occupational health and safety code, 2009) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
13463-67-7	10 mg/m ³	-	-	-	T

- Canada / British Colombia (2009) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
13463-67-7	10 mg/m ³	-	-	-	-

- Canada / Quebec (Regulations on occupational health and safety) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
13463-67-7	10 mg/m ³	-	-	-	T

- Mexico :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
13463-67-7	10 mg/m ³	20 mg/m ³	-	-	-

- Switzerland (SUVA 2009) :

CAS	VME-mg/m ³ :	VME-ppm :	VLE-mg/m ³ :	VLE-ppm :	Temps :	RSB :
13463-67-7	3a	-	-	-	-	-

- USA / NIOSH IDLH (National Institute for Occupational Safety and Health, Immediately Dangerous to Life or Health Concentrations) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
13463-67-7	-	-	5000	-	-

- USA / OSHA PEL (Occupational Safety and Health Administration, Permissible Exposure Limits) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
13463-67-7	15 mg/m ³	-	-	-	T

- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
13463-67-7	10 mg/m ³	-	-	-	Tl

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

- Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Type of gloves recommended :

- Natural latex
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVC (polyvinyl chloride)
- Butyl Rubber (Isobutylene-isoprene copolymer)

- Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

 **- Respiratory protection**

Type of FFP mask :

Wear a disposable half-mask aerosol filter in accordance with standard EN149.

Category :

- FFP2

Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387 :

- A2 (Brown)

- B2 (Grey)

Particle filter according to standard EN143 :

- P2 (White)

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties** **General information :**

Physical state :	Fluid liquid.
Colour :	Depend on tones
odours :	small

 **Important health, safety and environmental information**

pH :	8.50 .
	Slightly basic.
Boiling point/boiling range :	Not specified.
Flash point interval :	Not relevant.
Vapour pressure (50°C) :	Not relevant.
Vapour density :	>1
Density :	> 1
Water solubility :	Dilutable.
Melting point/melting range :	Not specified.
Decomposition point/decomposition range :	Not specified.
% VOC :	<11%

9.2. Other information

VOC (g/l) :	129
-------------	-----

SECTION 10 : STABILITY AND REACTIVITY**10.1. Reactivity**

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid :

- frost

10.5. Incompatible materials**10.6. Hazardous decomposition products**

The thermal decomposition may release/form :

- carbon monoxide (CO)


- carbon dioxide (CO₂)

- nitrogen oxide (NO)

- nitrogen dioxide (NO₂)

SECTION 11 : TOXICOLOGICAL INFORMATION **11.1. Information on toxicological effects**

Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

 **11.1.1. Substances** **Acute toxicity :**

BUTYLCARBAMATE DE 3-iodo-2-propynyle (CAS: 55406-53-6)

Oral route : LD50 = 400 mg/kg
Species : RatDermal route : LD50 > 2000 mg/kg
Species : RatInhalation route : LC50 = 6.89 mg/l
Species : Rat **11.1.2. Mixture****Respiratory or skin sensitisation :**

Contains at least one sensitising substance. May cause an allergic reaction.

SECTION 12 : ECOLOGICAL INFORMATION**12.1. Toxicity**

Insufficient data.

 **12.1.1. Substances**

BUTYLCARBAMATE DE 3-iodo-2-propynyle (CAS: 55406-53-6)

Fish toxicity : LC50 = 0.067 mg/l
Factor M = 10
Species : Oncorhynchus mykiss
Duration of exposure : 96 hCrustacean toxicity : EC50 = 0.16 mg/l
Factor M = 1
Species : Daphnia magna
Duration of exposure : 48 hAlgae toxicity : ECr50 = 0.022 mg/l
Factor M = 10
Species : Scenedesmus subspicatus
Duration of exposure : 72 h **12.1.2. Mixtures****12.2. Persistence and degradability**

Insufficient data.

 **12.2.1. Substances**

BUTYLCARBAMATE DE 3-iodo-2-propynyle (CAS: 55406-53-6)

Biodegradability : Fast degrading.

 **12.2.2. Mixtures**

Biodegradability :

no degradability data is available, the substance is considered as not degrading quickly.

 **12.3. Bioaccumulative potential** **12.3.1. Substances**

BUTYLCARBAMATE DE 3-iodo-2-propynyle (CAS: 55406-53-6)

Octanol/water partition coefficient : log K_{ow} = 2.88Bioaccumulation : BCF = 4.5
Species : Cyprinus carpio (Fish)**12.4. Mobility in soil**

Contains volatile products that will disperse in air.

Contains a solid phase.

This product is dilutable in water in all proportion.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2013 - IMDG 2012 - ICAO/IATA 2013).

SECTION 15 : REGULATORY INFORMATION

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

- Classification and labelling information included in section 2:

The following regulations have been used:

- Directive 67/548/EEC and its adaptations
- Directive 1999/45/EC and its adaptations
- Regulation EC 1272/2008 modified by regulation EC 618/2012
- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.

- Container information:

No data available.

- Labelling for VOCs present in varnishes, paints and in vehicle refinishing products (2004/42/EC) :

The permitted European level of VOC in this ready-to-use product is limited to 129 g/l.

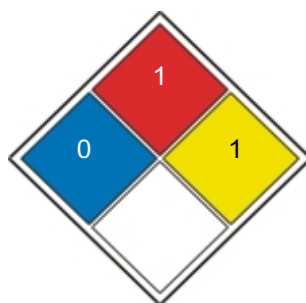
The permitted European levels of VOC in the ready-to-use product (category II Ae) are 150 g/l maximum in 2007 and 130 g/l maximum in 2010.

- Particular provisions :

No data available.

- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704) :

NFPA 704, Labelling: Health=0 Inflammability=1 Instability/Reactivity=1 Specific Risk=none



15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a

guarantee of the properties thereof.

**In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.**

Contains :

Contains EC 259-627-5 BUTYLCARBAMATE DE 3-iodo-2-propynyle. May produce an allergic reaction.

Safety phrase :

S 2 Keep out of the reach of children.
S 23 Do not breathe vapours
S 24 Avoid contact with skin.
S 62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**Title for H, EUH and R indications mentioned in section 3 :**

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
EUH066	Repeated exposure may cause skin dryness or cracking.
R 20/22	Harmful by inhalation and if swallowed.
R 22	Harmful if swallowed.
R 37	Irritating to respiratory system.
R 38	Irritating to skin.
R 41	Risk of serious damage to eyes.
R 43	May cause sensitisation by skin contact.
R 50	Very toxic to aquatic organisms.
R 65	Harmful: may cause lung damage if swallowed.
R 66	Repeated exposure may cause skin dryness or cracking.

Abbreviations :

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefahrdungsklasse (Water Hazard Class).