Safety Data Sheet in accordance with Regulation (EU) No.453/2010

Savinyl Orange RLS

Substance key: KS7032
Version : 1 - 5 / EU

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name
Savinyl Orange RLS

Material number: 103327

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

Relevant identified uses of the substance or mixture

Industry sector :	Paints, lacquers and varnishes industry
Type of use :	dye for special industries

1.3. Details of the supplier of the safety data sheet

Identification of the company

Clariant Production (France)
Usine de Huningue
Avenue de Bâle
68331 Huningue
Telephone no. : +33 3 89 89 60 00

Information about the substance/mixture

Division Pigments & Additives
tel.: +33.3.89.89.63.38
e-mail: France.ProductSafety@clariant.com

1.4. Emergency telephone number

+33 1 45 42 59 59 (24 h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.2. Label elements

Labelling according CLP regulation (Regulation (EC) No. 1272/2008, as amended)

The product does not require classification and labelling as hazardous according to CLP/GHS.

2.3. Other hazards

According to the present state of knowledge, provided that this product is handled correctly, there is no known danger to humans.

SECTION 3: Composition/information on ingredients

3.1. Substances

Chemical characterization

azo dyestuff/chromium complex, C.I.SOLVENT ORANGE 41

SECTION 4: First aid measures

4.1. Description of first aid measures

General information
Seek medical assistance if discomfort continues

After inhalation
Remove from danger zone. Obtain medical advice.

After contact with skin
After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes
Immediately rinse eyes with running water.

After ingestion
Obtain medical advice.

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

Symptoms
No symptoms known currently.

Hazards
No hazards known at this time.

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

Treatment
Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
all

Extinguishing media that must not be used for safety reasons
No restrictions

5.2. Special hazards arising from the substance or mixture

carbon oxides
chromium oxides
hydrogen chloride
nitrogen oxides
sulfur dioxide

5.3. Advice for firefighters

Special protective equipment for firefighting
Use self-contained breathing apparatus

Further information
Cool container and metallic parts with a water spray jet

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable personal protective equipment.

6.2. Environmental precautions

Do not allow entry to drains,water courses or soil

6.3. Methods and material for containment and cleaning up

Take up mechanically
Avoid dust formation and electrical charging (sparking) because dust explosion might occur.
When picked up, treat material as prescribed under heading "Disposal".

6.4. Reference to other sections

Additional information
Must not be released into sewers, drains or wells.
Take up as such and consider recycling.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling
Keep container tightly closed.
Keep container in a well-ventilated place.

Advice on protection against fire and explosion
Take precautionary measures against static discharges.
Avoid formation of dust.
Organic products which are intentionally or unintentionally in powdered form have, in principle, the possibility of creating a dust explosion hazard
Keep away from sources of ignition.

Dust explosion class : ST1 Capable of dust explosion

7.2. Conditions for safe storage, including any incompatibilities

7.3. Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

Chromium metal, inorganic chromium (II) compounds and inorganic chromium (III) compounds (insoluble)
CAS number : 7440-47-3
Directive on indicative exposure limits (amended)
EU OEL - Directive on indicative exposure limits
Revision : 07/02/2006
Time-weighted average (8 hrs)
Values: 2 mg/m3

DNEL/DMEL values

DNEL/DMEL values are not available.

PNEC values

PNEC values are not available.

8.2. Exposure controls

General protective measures

Observe the usual precautions for handling chemicals.

Hygiene measures

This substance is classified as non-hazardous. However the usual precautions for handling chemicals must be observed to avoid contact with the skin, eyes and respiratory tract. In case of contact with the product, wash the eye immediately with running water and the skin with water and soap.

Hand protection :	Nitrile rubber gloves.
Eye protection :	Yes
Body protection :	working clothes

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form :	powder
Colour :	orange
Odour :	not specified
pH value :	app. 6 (20 ℃, 10 g/l)
Melting point :	not applicable
Boiling point :	(1.013 hPa) not applicable
Boiling point :	not determined
Flash point :	not applicable
Evaporation rate :	not tested.
Flammability	

Lower explosion limit :	not tested.
Upper explosive limit :	not tested.
Combustion number :	not tested.
Minimum ignition energy :	0,3 - 1 J with inductive electrical resistance
Vapour pressure :	not tested.
Vapour density relative to air :	Not applicable
Solubility in water :	(20 ℃) insoluble
Soluble in ... :	fat not tested.
Soluble in ... :	dimethyl sulfoxide > 10 g/l (20 ℃)
Octanol/water partition coefficient (log Pow) :	unknown (20 ℃)
Ignition temperature :	not tested.
Self-ignition temperature :	190 ℃ Method : In a 400 ml wire basket (SIT 400)
Thermal decomposition :	230 ℃ Method : SANDOZ Radex dynamic decomposition test Air open cup
Thermal decomposition :	220 ℃ Method : SANDOZ long duration test open cup
Thermal decomposition :	265 ℃ Method : SANDOZ Radex dynamic decomposition test Steel gold plated, closed (high pressure), Argon, pressure
Viscosity (dynamic) :	(20 ℃) not applicable
Oxidizing properties :	not tested.

9.2. Other information

Density :	1,5 g/cm3

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

not known

10.6. Hazardous decomposition products

When used and handled as intended, none.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity :	LD50 > 2.000 mg/kg (rat)
Acute dermal toxicity :	not tested.
Acute inhalation toxicity :	not tested.
Irritant effect on skin :	non-irritant (rabbit)
Irritant effect on eyes :	non-irritant (rabbit) Method : OECD 405 * 1987 eye irritation / corrosion
Sensitization :	non-sensitizing (mouse) Method : OECD 429
Repeated dose toxicity:	not tested.
Genetic toxicity in vitro :	Test type : Ames test Test system : Strains of Salmonella typhimurium. Metabolic activation : with and without Result : Negative with and without metabolic activation Method : OECD 471
Assesment of mutagenicity :	not tested.
Assessment of carcinogenicity :	not tested.
Assessment of toxicity to reproduction :	not tested.

SECTION 12: Ecological information

12.1. Toxicity

Fish toxicity :	not tested.
Daphnia toxicity :	not tested.
Algae toxicity :	not tested.
Bacteria toxicity :	not tested.

12.2. Persistence and degradability

Biodegradability : Not applicable due to insolubility in water. This product does not come into contact with the effluent when it is used for its purpose, otherwise it can be removed by filtration operations.

12.3. Bioaccumulative potential

Bioaccumulation: not tested.

12.4. Mobility in soil

Behaviour in environmental compartments
No known data.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

Additional ecotoxicological remarks
No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product
Incineration in an approved, controlled furnace. Observe: fire hazard data, physical and corrosion data.

Uncleaned packaging
For disposal local regulation is binding.

Composition
C ,
Cl ,
Cr ,
H ,
N ,
Na ,
O ,
S ,

SECTION 14: Transport information

Section 14.1. to 14.5.

ADR	not restricted
ADNR	not restricted
RID	not restricted
IATA	not restricted

IMDG not restricted

14.6. Special precautions for user

See sections 6 to 8 of this Safety Data Sheet.

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

No transport as bulk according IBC - Code.

SECTION 15: Regulatory information

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

15.2. Chemical safety assessment

No Chemical Safety Assessment (CSA) is yet available for the substance, or for the component substances, contained in this product.

SECTION 16: Other information

Decimal notation: "thousands" places are identified with a dot (for example, "2.000 mg/kg" means "two thousand mg/kg"). Decimal places are identified with a comma (for example, "1,35 g/cm3" means "one point three five g/cm3").

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