



## Tannorouge

Version 2 – 07/05/2015

### 1 • IDENTIFICATION OF THE SUBSTANCE

**1.1 Product identifier:** Tannorouge.

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

Identified use(s): Industrial, professional, colour stabilizer and oenological applications

Uses advised against: none known

**1.3 Details of the supplier of the Safety Data Sheet**

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### 2 • HAZARDS IDENTIFICATION

**2.1 Classification of the substance or mixture**

**2.1.1 Regulation (EC) No. 1272/2008 (CLP)**

The product is not considered dangerous according to **Regulation (EC) No. 1272/2008 (CLP)**

**2.2 Label elements**

Hazard pictogram(s): none

Signal word(s): none

Hazard statement(s): none

Precautionary statement(s): none

**2.3 Other hazards** None.

**2.4 Additional Information** None.

### 3 • COMPOSITION / INFORMATION OF INGREDIENTS

Tannins

Hazardous components within the meaning of CLP regulation and corresponding classification: None

### 4 • FIRST AID MEASURES

**4.1 Description of first aid measures**

Inhalation: Remove casualty to fresh air and keep warm and at rest.

Skin Contact: Wash with plenty of water and soap.

Eye Contact: Rinse immediately with plenty of water and seek medical advice.

Ingestion: Rinse mouth with plenty of water. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety data sheet.

**4.2 Most important symptoms and effects, both acute and delayed** None

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment: None

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**5 • FIRE-FIGHTING MEASURES****5.1 Extinguishing Media**

Suitable Extinguishing: Water, Carbon dioxide (CO<sub>2</sub>).

Unsuitable Extinguishing Media None in particular

**5.2 Special hazards arising from the substance or mixture**

Do not inhale explosion and combustion gases

**5.3 Advice for firefighters**

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

**6 • ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Wear personal protection equipment. Remove persons to safety.

See protective measures under point 7 and 8.

**6.2 Environmental precautions**

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

**6.3 Methods and material for containment and cleaning up**

Wash with plenty of water.

**6.4 Reference to other sections**

See also section 8 and 13

**7 • HANDLING AND STORAGE****7.1 Precautions for safe handling:**

Avoid contact with skin and eyes, inhalation of vapors and mists. Do not eat or drink while working.

See also section 8 for recommended protective equipment.

**7.2 Conditions for safe storage, including any incompatibilities**

Always keep the containers tightly closed. Keep away from food, drink and feed.

Instructions as regards storage

premises: Dry and adequately ventilated premises.

**7.3 Specific end use(s)** None in particular**8 • EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters** None**8.2 Exposure controls**

Eye protection: Dust protection eye glasses.

Protection for skin: No special precaution must be adopted for normal use.

Protection for hands: Not needed for normal use.

Respiratory protection: Not needed for normal use. Use respiratory protection where ventilation is insufficient or exposure is prolonged, e.g. CEN/FFP-2(S) or CEN/FFP- 3(S).

Thermal Hazards: None

Environmental exposure controls: None

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**9 • PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

Appearance and colour: Dark brown powder

Odour: Characteristic

pH: 3,5 ± 0,3 (sol 10%)

Melting point / freezing point: N.A.

Initial boiling point and boiling range: N.A.

Vapour pressure: N.A.

Solubility in water: Soluble

Lipid solubility: No

Flash point: >190 °C

Auto-ignition temperature: >500 °C

**10 • STABILITY AND REACTIVITY**

**10.1 Reactivity** Stable under normal conditions

**10.2 Chemical stability** Stable under normal conditions

**10.3 Possibility of hazardous reactions** None

**10.4 Conditions to avoid:** Stable under normal conditions. Powders can form flammable mixtures with air if the amount of ignition power is enough

**10.5 Incompatible materials:** This product is degraded by contact with iron, heavy metals salts, alkaloids, gelatine, albumins, starches, oxidizing materials, lime water.

**10.6 Hazardous decomposition products:** None.

**11 • TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects**

Test: LD50 Route: Oral Species: Rat > 2000 mg/kg

Skin & eyes irritation: Not irritant effect

Sensitization: No sensitizing effects known.

**12 • ECOLOGICAL INFORMATION**

**12.1 Toxicity:** Adopt sound working practices, so that the product is not released into the environment.

**12.2 Persistence and degradability:** None

**12.3 Bioaccumulative potential:** N.A.

**12.4 Mobility in soil:** N.A.

**12.5 Results of PBT and vPvB assessment:** None

**12.6 Other adverse effects:** None.

**13 • DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Recover if possible. In so doing, comply with the local and national regulations currently in force.

**14 • TRANSPORT INFORMATION**

**14.1 UN number:** Not classified as dangerous according to transport regulations.

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC**

**Code Environmental Pollutant:** No

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**15 • INFORMATIONS REGLEMENTAIRES****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Dir. 67/548/EEC(Classification, packaging and labeling of dangerous substances). Dir. 99/45/EEC(Classification, packaging and labeling of dangerous preparations). Dir. 98/24/EC (Risks related to chemical agents at work).

Dir. 2000/39/EC(Occupational exposure limit values); Dir. 2006/8/CE.

Regulation (CE) n. 1907/2006 (REACH), Regulation (CE) n. 1272/2008 (CLP), Regulation (CE) n.790/2009 (1° ATP CLP), Regulation (EU) n. 453/2010 (Annex I).

**Where applicable, refer to the following regulatory provisions:** Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments. Regulation (EC) nr 648/2004 (detergents).1999/13/EC (VOC directive)

**15.2 Chemical Safety Assessment: No****16 • OTHER INFORMATION**

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

NIOSH - Registry of toxic effects of chemical substances (1983)

I.N.R.S. - Fiche Toxicologique

CCNL - Appendix 1 "TLV for 1989-90"

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GefStoffVO: Ordinance on Hazardous Substances, Germany.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

KSt: Explosion coefficient.

LC50: Lethal concentration, for 50 percent of test population.

LD50: Lethal dose, for 50 percent of test population.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

TLV: Threshold Limiting Value.

TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).

WGK: German Water Hazard Class

*The information contained in this MSDS is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended. This SDS cancels and replaces any preceding release.*

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