

Arrovide Red 1171

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Substance key: 000000313075	Revision Date: 2025/04/17
Version : 1 - 10 / CHI	Date of printing : 2026/07/15

1. PRODUCT AND COMPANY IDENTIFICATION

Trade name

Arrovide Red 1171

Material number: 230141

Substance name: C.I. Pigment Red 122

Use of the Substance/Mixture

Industry sector : Industrial Performance Chemicals
Paints, lacquers and varnishes industry
Polymers industry
Printing Inks Industry
Type of use : Colorant/organic pigment

Identification of the company

Sudarshan Germany Horizons GmbH

Brüningstraße 50
65929 Frankfurt am Main
Telephone : +49 69 305 62 00

Information about the substance/preparation

Product Stewardship
E-mail address: SDS.PI.Europe@sudarshan.com

Emergency telephone number: +86 532-83889090 (For product with GHS classification
(Qingdao NRCC))
+86 21 62126881 (For product without GHS classification
(Shanghai office))

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	: powder
Colour	: red
Odour	: not significant

Not a hazardous substance or mixture.

GHS Classification

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

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Physical and chemical hazards

Not classified based on available information.

Health hazards

Not classified based on available information.

Environmental hazards

Not classified based on available information.

Other hazards which do not result in classification

According to the present state of knowledge provided this product is handled correctly, there is no danger to humans or the environment
Potential dust explosion hazard.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

No hazardous ingredients

4. FIRST AID MEASURES

General advice : Get medical advice/ attention if you feel unwell.

If inhaled : Remove to fresh air.

In case of skin contact : IF ON SKIN: Wash with plenty of soap and water.

In case of eye contact : Rinse the affected eye with plenty of water, at the same time keep the unaffected eye well protected.

If swallowed : If swallowed do not induce vomiting, seek medical advice and show safety datasheet or label

Most important symptoms and effects, both acute and delayed : No symptoms known currently.
No hazards known at this time.

Notes to physician : Treat symptomatically.

5. FIREFIGHTING MEASURES

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Suitable extinguishing media	: Water spray jet Foam
Unsuitable extinguishing media	: High volume water jet Carbon dioxide (CO ₂) Dry powder
Specific hazards during firefighting	: In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO) Carbon dioxide (CO ₂) Nitrogen oxides (NO _x)
Specific extinguishing methods	: Wear suitable protective equipment.
Special protective equipment for firefighters	: Self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Wear suitable protective equipment.
Environmental precautions	: The product should not be allowed to enter drains, water courses or the soil.
Methods and materials for containment and cleaning up	: Take up mechanically Avoid dust formation. Take measures to prevent the build up of electrostatic charge. Risk of dust explosion. Treat recovered material as described in the section "Disposal considerations".

7. HANDLING AND STORAGE

Handling

Advice on protection against fire and explosion	: Take precautionary measures against build-up of electrostatic charges, e.g earthing during loading and off-loading operations. Keep away sources of ignition. Dust can form an explosive mixture in air.
Advice on safe handling	: When used and handled appropriately no special measures are needed

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Avoid dust formation.

Avoidance of contact : not known

Storage

Further information on storage conditions : Keep containers tightly closed in a cool, well-ventilated place.
Handle and open container with care.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Kaolin	1332-58-7	TWA (Respirable particulate matter)	2 mg/m ³	ACGIH

Personal protective equipment

Respiratory protection : Wear dust mask when handling large quantities

Eye/face protection : Safety glasses

Skin and body protection : Wear suitable protective equipment.

Hand protection

Remarks : Nitrile rubber gloves. Minimum breakthrough time (glove): not determined Minimum thickness (glove): not determined Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Protective measures : Observe the usual precautions for handling chemicals.
Wear suitable protective equipment.

Hygiene measures : Wash hands before breaks and at the end of workday.
Use protective skin cream before handling the product.
Take off immediately all contaminated clothing and wash it before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Safety Data Sheet in accordance with
GB/T 16483 and GB/T 17519



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Appearance	: powder
Colour	: red
Odour	: not significant
Odour Threshold	: not required
pH	: not determined
Melting point (decomposition)	: Applies to pigments - No melting point up to the decomposition temperature.
Boiling point	: Not applicable
Flash point	: Not applicable
Evaporation rate	: Not applicable
Flammability (solid, gas)	: Not applicable
Self-ignition	: no data available
Burning number	: not determined
Upper explosion limit / upper flammability limit	: not determined
Lower explosion limit / Lower flammability limit	: not determined
Vapour pressure	: Not applicable
Density	: not determined
Solubility(ies) Water solubility	: 0.02 mg/l The data refer to the colourant (20 °C)
Partition coefficient: n-octanol/water	: not determined
Auto-ignition temperature	: not determined

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Decomposition temperature : no data available

Viscosity

Viscosity, dynamic : Not applicable

Viscosity, kinematic : no data available

Oxidizing properties : no data available

Molecular weight : no data available

Minimum ignition energy : not determined

10. STABILITY AND REACTIVITY

Reactivity : See section 10.3. "Possibility of hazardous reactions"

Chemical stability : Stable

Possibility of hazardous reactions : No dangerous reaction known under conditions of normal use.
Stable

Conditions to avoid : None known.

Incompatible materials : not known

Hazardous decomposition products : When handled and stored appropriately, no dangerous decomposition products are known

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity : LD50: > 2,000 mg/kg
Remarks: 1999/45/EC

Acute inhalation toxicity : Remarks: not tested.

Acute dermal toxicity : Remarks: not tested.

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Skin corrosion/irritation

Product:

Result : No skin irritation
Remarks : 1999/45/EC

Serious eye damage/eye irritation

Product:

Result : No eye irritation
Remarks : 1999/45/EC

Respiratory or skin sensitisation

Product:

Remarks : not tested.

Germ cell mutagenicity

Product:

Genotoxicity in vitro : Remarks: no data available

Germ cell mutagenicity -
Assessment : No information available.

Carcinogenicity

Product:

Carcinogenicity -
Assessment : No information available.

Reproductive toxicity

Product:

Reproductive toxicity -
Assessment : No information available.

STOT - single exposure

Product:

Remarks : no data available

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STOT - repeated exposure

Product:

Remarks : no data available

Repeated dose toxicity

Product:

Remarks : not tested.

Aspiration toxicity

Product:

no data available

Further information

Product:

Remarks : The product has not been tested. The statements are derived from products of a similar composition.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish : Remarks: not tested.

Toxicity to daphnia and other aquatic invertebrates : Remarks: not tested.

Toxicity to algae/aquatic plants : Remarks: not tested.

Toxicity to microorganisms : Remarks: not tested.

Persistence and degradability

Product:

Biodegradability : Remarks: Pigments are highly stable in accordance with the specifications and therefore only slightly biodegradable in the conditions of sewage treatment plants or surface waters.

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Bioaccumulative potential

Product:

Bioaccumulation : Remarks: not tested.

Mobility in soil

no data available

Other adverse effects

Product:

Environmental fate and pathways : Remarks: no data available

Additional ecological information : no data available

13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Product should be taken to a suitable and authorized waste disposal site in accordance with relevant regulations and if necessary after consultation with the waste disposal operator and/or the competent Authorities

Contaminated packaging : Packaging that cannot be cleaned should be disposed of as product waste

14. TRANSPORT INFORMATION

IATA	not restricted
IMDG	not restricted
TDG_CN	not restricted
RID	not restricted

15. REGULATORY INFORMATION

National regulatory information

Apart from the data/regulations specified in this chapter, no further information is available concerning safety, health and environmental protection.

GB13690: General rule for classification and hazard communication of chemicals

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Decree No. 591 of the State Council of the People's Republic of China: Regulations on the Control over Safety of Hazardous Chemicals.

GB 6944-2012: Classification and code of dangerous goods.

GB 12268-2012: List of dangerous goods.

GB 190-2009: Packing symbol of dangerous goods.

GB 30000.2-29 – 2013 , Rules for classification and labelling of chemicals.

16. OTHER INFORMATION

Revision Date : 2025/04/17

Date format : yyyy/mm/dd

Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)

ACGIH / TWA : 8-hour, time-weighted average

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan

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Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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