

In accordance with Directive 1907/2006/EC, 2020/878
Version 2.0 Revision date : 28-06-2024
Trade name: Brown Aniline

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

1.1 Product identification :

Product name: Aniline brown
Product description: C.I. Solvent Red 3
CAS: 6535-42-8
EC: 229-439-8
Index: Not relevant
REACH: Not relevant

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

Uses: Dye for waxes, oils, hydrocarbons, plastics, etc. For industrial use only.
Recommended use restrictions: Any use not specified in this section or section 7.3.

1.3 Contact details of the supplier of the safety data sheet :

Responsible distributor: ASSYST sprl / A.S.O.W. sprl
Hellegatstraat 13a
2590 Berlaar
Belgium
Tel: +32 495 50 61 14 / +32 496 83 70 27
Website: www.assyst.org / www.artsuppliesonweb.com
E-mail: ao@assyst.org / vera.opsommer@assyst.org

1.4 Emergency phone number :

For Belgium: Call the **Poison Control Centre (070 245 245 - free)**, if not available: **02 264 96 30** (normal rate) or your doctor. In life-threatening situations, always call the European emergency number **112**.
NHS 24 Direct For help from a GP, visit your GP surgery's website, use an online service to contact your GP, or call the surgery. **For urgent medical help**, use the NHS 111 online service, or **call 111** if you are unable to get help online. **For life-threatening emergencies, call 999** for an ambulance. There is more information about getting medical help on the NHS website.

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture :

Classification according to Directive (EC) No 1272/2008 and its amendments.

This substance does not meet the criteria for classification according to Regulation No 1272/2008/EC.

2.2 Labelling elements :

Labelling in accordance with Regulation (EC) No 1272/2008 (CLP)

Not required.

2.3 Other hazards :

This substance or mixture does not contain any constituents that may be considered persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information :

The substance/mixture does not contain any constituents suspected of having endocrine-disrupting properties according to Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in a concentration of 0.1% or more.

Toxicological information :

The substance/mixture does not contain any constituents suspected of having endocrine-disrupting properties according to Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in a concentration of 0.1% or more.

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SECTION 3: Composition and information on ingredients

3.1 Substances :

| | |
|-------------------------------|-------------|
| Fabric name: | Fat brown b |
| <u>Identifications</u> | |
| CAS no: | 6535-42-8 |
| Molecular formula: | C18H16N2O2 |
| Molar mass: | 292.3 g/mol |

SECTION 4: First aid measures

4.1 Description of first aid measures :

General comments

Do not leave the victim unattended.
Move victim out of danger zone.
Keep the victim warm, calm and covered.
Remove contaminated clothing immediately.
If in doubt or if symptoms persist, consult a doctor.
If unconscious, place victim in stable side position.
Do not administer anything by mouth.

When inhaled

In case of irregular breathing or respiratory arrest, consult a doctor immediately and administer first aid.
Provide fresh air.

In case of skin contact

Wipe loose particles off the skin.
Rinse/shower skin with water.

On eye contact

Remove contact lenses, if possible.
Keep rinsing.
Rinse with clean, flowing water for at least 10 minutes while keeping the eyelids open.

If swallowed

Rinse mouth with water (only if the person is conscious).
DO NOT induce vomiting.

4.2 Main symptoms and acute and delayed effects :

No symptoms and effects are known so far.

4.3 Indication of immediate medical attention and special treatment required :

None.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media :

Suitable extinguishing agents :

Water, Foam, ABC powder.

Unsuitable extinguishing agents :

Full water jet.

5.2 Special hazards arising from the substance or mixture :

Dust deposits can accumulate on all surfaces in a premises.

Hazardous combustion products

Nitrogen oxides (NOx), Carbon monoxide (CO), Carbon dioxide (CO2).

5.3 Advice to firefighters :

In case of fire and/or explosion, avoid breathing fumes.
Match fire-fighting measures to environment.
Do not discharge extinguishing water into drains or surface water.
Collect contaminated firefighting water separately.
With normal precautions, extinguish from a reasonable distance.

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SECTION 6: Measures in case of accidental release of the substance or mixture

6.1 Personal precautions, protective equipment and emergency procedures :

For persons other than emergency services

Getting people to safety.

For the emergency services

Wear respirators when exposed to fumes/dust particles/aerosols/gases.

6.2 Environmental precautions :

Avoid getting the product into drains, surface water or groundwater.

Retain and remove contaminated wash water.

6.3 Containment and cleaning methods and materials :

Advice on how to contain the spill

Covering of drains, Mechanical inclusion

Advice on how to clean up the spill

Mechanical recording.

Other information relating to the discharge or release

Transfer to suitable retainers for disposal. Ventilate the affected area.

6.4 Reference to other paragraphs :

Hazardous combustion products: see section 5.

Personal protective equipment: see section 8.

Incompatible materials: see section 10.

Instructions for disposal: see section 13.

SECTION 7: Handling and storage :

7.1 Precautions for safe handling of the substance or mixture :

Recommendations

Measures to prevent fire and aerosol or dust formation

Use of local and general ventilation.

Take precautions against static electricity discharges.

Use only in well-ventilated areas.

Ground storage and collection tank.

Specific comments/data

Dust deposits can accumulate on all surfaces in a premises.

The product in its delivered form is not capable of causing a dust explosion, however the enrichment of fine dust leads to a dust explosion hazard.

Advice on general occupational hygiene

Wash hands after use.

Do not eat, drink or smoke in work areas.

Remove contaminated clothing and protective equipment before entering eating areas.

Do not store food and drink together with chemicals.

For chemicals, do not use packaging intended for foodstuffs.

Keep away from food, drink and animal feed.

7.2 Conditions for safe storage, including incompatibilities :

Managing the associated risks

Explosive atmospheres

Removal of dust deposits.

Ventilation requirements

Use of local and general ventilation.

7.3 Specific end use :

For a general overview, see section 16.

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SECTION 8: Exposure controls/personal protection measures

8.1 Control parameters :

Occupational exposure limits (occupational exposure limits)

This information is not available.

8.2 Exposure control measures :

Appropriate technical measures

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

Hand protection

Wear protective gloves.

Other protective equipment

Insert rest periods for skin regeneration.

Preventive skin protection (skin-protective creams) is recommended.

Wash hands thoroughly after use.

Protection of respiratory organs

Particle filter (EN 143).

Managing environmental exposure

Take appropriate measures to prevent spread into the environment.

Avoid getting the product into drains, surface water or groundwater.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties :

| | |
|---|--|
| Physical state: | solid |
| Colour: | brown - dark brown |
| Odour: | characteristic |
| Melting/freezing point: | 152 - 155°C |
| Boiling point or initial boiling point and boiling range: | 510.5°C at 760 mmHg |
| Flammability: | This material is flammable, but will not easily catch fire |
| Lower and upper explosion limit: | irrelevant (solid) |
| Flash point: | not applicable |
| Self-ignition temperature: | undetermined |
| Decomposition temperature: | irrelevant |
| pH value: | not applicable |
| Kinematic viscosity: | irrelevant |
| Solubility(ids): | undetermined |
| Partition coefficient | |
| Partition coefficient n-octanol/water (log value): | this information is not available |
| Vapour pressure: | not determined |
| Density and/or relative density | |
| Density: | 1.17 g/cm ³ |
| Relative vapour density: | irrelevant (solid) |
| Particle characteristics: | no data available |
| <u>9.2 Other information</u> | |
| Information on physical hazard classes: | hazard classes according to GHS (physical hazards): not relevant |
| Other safety features | |
| Solids content: | 100 % |

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SECTION 10: Stability and reactivity

10.1 Reactivity :

For incompatible products: see under "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability :

The material is stable under normal atmospheric conditions and expected temperature and pressure during storage and handling.

10.3 Possible hazardous reactions :

No dangerous reactions known.

10.4 Conditions to avoid :

No specific conditions are known to be avoided.

Indications on how to avoid fire and explosions

The product in its delivered form is not capable of causing a dust explosion, however the enrichment of fine dust leads to a dust explosion hazard.

10.5 Incompatible materials

Oxidising agents (oxidising)

10.6 Hazardous decomposition products :

Known and reasonably foreseeable hazardous decomposition products produced during use, storage, discharge and heating are not known.

Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects :

Classification according to GHS (1272/2008/EC, CLP)

This substance does not meet the criteria for classification according to Regulation No 1272/2008/EC.

Acute toxicity

Cannot be classified as acutely toxic.

Skin corrosion/irritation

Does not classify as caustic/irritating to the skin.

Serious eye damage/eye irritation

Cannot be classified as severely eye-injurious or irritating to the eyes.

Respiratory or skin sensitisation

Is not classifiable as an inhalant or skin allergen.

Mutagenicity in gametes

Is not classifiable as mutagenic in germ cells (mutagenic).

Carcinogenicity

Is not classifiable as carcinogenic.

Reproductive toxicity

Is not classifiable as a reproductive toxicant.

Specific target organ toxicity at single exposure

Cannot be classified as toxic to specific target organs (single exposure).

Specific target organ toxicity on repeated exposure

Cannot be classified as toxic to specific target organs (repeated exposure).

Inhalation hazard

Is not classifiable as dangerous in aspiration.

11.2 Additional information

Hormone-disrupting properties :

The substance/mixture does not contain any constituents suspected of having endocrine-disrupting properties according to Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in a concentration of 0.1% or more.

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SECTION 12: Ecological information

12.1 Toxicity :

Cannot be classified as hazardous to the aquatic environment.

12.2 Persistence and degradability :

No data are available.

12.3 Bioaccumulation :

No data are available.

12.4 Mobility in soil :

No data are available.

12.5 Results of PBT and vPvB assessment :

The results of the assessment of the substance show that it is not a PBT or vPvB substance.

12.6 Endocrine disrupting properties

The substance/mixture does not contain any constituents suspected of having endocrine-disrupting properties according to Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in a concentration of 0.1% or more.

12.7 Other side effects :

No data are available.

SECTION 13: Instructions for disposal

13.1 Method of waste disposal :

Information regarding wastewater discharge

Do not throw waste into the sink.

Avoid discharge into the environment.

Ask for special instructions/safety card.

Waste treatment of containers/packaging

Fully emptied containers can be recycled.

Contaminated packaging can be treated like the substance itself.

Comments

Please note the relevant national or regional provisions.

Waste is separated into the categories that can be treated separately by local or national waste management services.

SECTION 14: Transport information

14.1 UN number

Classified as non-hazardous for transport.

14.2 Proper name of cargo according to the UN regulatory model

Classified as non-hazardous for transport.

14.3 Transport hazard class(es)

Classified as non-hazardous for transport.

14.4 Packing group

Classified as non-hazardous for transport.

14.5 Environmental risks

Classified as non-hazardous for transport.

14.6 Special precautions for the user

Classified as non-hazardous for transport.

14.7 Transport in bulk in accordance with Annex II to MARPOL 73/78 and the IBC Code

Not applicable to the product delivered.

Information for each of the UN regulations

Transport of dangerous goods by road, rail or inland waterway (ADR/RID/ADN) - **Additional information**

Not subject to ADR, RID and ADN.

International Maritime Dangerous Goods Code (IMDG) - Additional information

Not subject to the IMDG.

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International Civil Aviation Organisation (ICAO-IATA/DGR) - Additional information

Not subject to ICAO-IATA.

SECTION 15: Legal information

15.1 Safety, health and environmental regulations and legislation specific to the substance or mixture :

Relevant European Union (EU) provisions

List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list

irrelevant

Decopaint Directive

VOC content: 0 %.

Directive on industrial emissions (IE Directive)

VOC content: 0 %.

Water severity and remediation effort

| Water heaviness | Water severity indication | Remediation effort |
|-----------------|-------------------------------------|--------------------|
| B (4) | little harmful to aquatic organisms | B |

SZW list CMR effects

not listed

National inventories

| Country | List | Status |
|---------|-----------|------------------------------|
| AU | AIIC | substance is mentioned |
| CA | DSL | substance is mentioned |
| CN | IECSC | substance is mentioned |
| EU | ECSI | substance is mentioned |
| JP | CSCL-ENCS | substance is mentioned |
| KR | KECI | substance is mentioned |
| NZ | NZIoC | substance is mentioned |
| PH | PICCS | substance is mentioned |
| TW | TCSI | substance is mentioned |
| US | TSCA | substance is listed (ACTIVE) |
| UN | NCI | substance is mentioned |

Legend

| | |
|---------|---|
| AIIC: | Australian Inventory of Industrial Chemicals |
| CSCL: | ENCS List of Existing and New Chemical Substances (CSCL-ENCS). |
| DSL: | Domestic Substances List (DSL) |
| ECSI: | EC inventory (EINECS, ELINCS, NLP) |
| IECSC: | Inventory of Existing Chemical Substances Produced or Imported in China |
| KECI: | Korea Existing Chemicals Inventory |
| NCI : | National Chemical Inventory |
| NZIoC : | New Zealand Inventory of Chemicals |
| PICCS : | Philippine Inventory of Chemicals and Chemical Substances (PICCS) |
| TCSI : | Taiwan Chemical Substance Inventory |
| TSCA : | Toxic Substance Control Act |

15.2 Chemical safety assessment :

No chemical safety assessment has been carried out for this substance.

SECTION 16: Other information

Safety data sheet legislation:

This safety data sheet has been prepared in accordance with ANNEX II - Guidance on the preparation of safety data sheets of Regulation (EC) No 1907/2006 (Regulation (EU) No 2020/878).

Indication of changes (revised safety data sheet)

2.3 Endocrine-disrupting properties:

Contains no endocrine disruptor (ED) at a concentration of $\geq 0.1\%$.

8.1 Control parameters:

Occupational exposure limits): this information is not available

12.5 Results of PBT and vPvB assessment:

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The results of the assessment of the substance show that it is not a PBT or vPvB substance.

12.6 Other adverse effects:

Endocrine-disrupting properties: Contains no endocrine disruptor (ED) at a concentration of $\geq 0.1\%$.

Key documentation sources:

Key literature references and data sources:

Regulation (EC) No 1272/2008 on classification, labelling and packaging (CLP) of substances and mixtures.

Regulation (EC) No 1907/2006 (REACH), amended by 2020/878/EU.

Transport of dangerous goods by road, rail or inland waterways (ADR/RID/ADN).

International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for aviation (IATA).

Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR Agreement); AICS - Australian Inventory of Chemical Substances; ASTM - American Society for Testing of Materials; bw - body weight; CLP - Regulation on Classification, Labelling and Packaging; Regulation (EC) no. 1272/2008; CMR - carcinogenic, mutagenic or toxic to reproduction; DIN - German standard or German institute for standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC number - EINECS number; ECx - Concentration associated with x% response; ELx - Loading capacity associated with x% response; EmS - Emergency Programme; ENCS - Existing and New Chemicals (Japan); ErCx - Concentration associated with x% growth response; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - IMO International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk; IC50 - intermediate inhibitory concentration; ICAO - International Civil Aviation Organisation; IECSC - Inventory List of Existing Chemicals in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; KECI - Korean Inventory of Existing Chemicals; LC50 - Lethal concentration for 50% of a tested population; LD50 - Lethal dose for 50% of a tested population (median lethal dose); MARPOL - International Convention for the Prevention of Pollution from Ships.o.s. - Not Otherwise Specified; NO(A)EC - No detectable (negative) effect on concentration; NO(A)EL - No detectable (negative) effect on level; NOELR - No detectable effect on carrying capacity; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Cooperation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic; PICCS - Philippine Inventory of Chemicals and 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 (REACH); RID - Regulation concerning the International Carriage of Dangerous Goods by Rail (RID); SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Inventory List; TRGS - Technical Regulation on Hazardous Substances; TSCA - Toxic Substances Control Act (USA); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative.

More information

Training advice :

Provide appropriate information, instructions and training to users.

The information in this safety data sheet is correct to the best of our knowledge at the date of issue indicated. This information is for guidance on safe handling, use, processing, storage, transportation, disposal and rejection only and should not be considered a guarantee or indication of quality.