



TRIAMIN BLACK L

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 23-12-2010 Revision date: 9-6-2017 Supersedes: 27-5-2013 Version: 4.3

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

1.1. Product identifier

Product form : Mixture
Trade name : TRIAMIN BLACK L
Chemical characterization : Preparation based on : Azo dyestuff

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

1.2.1. Relevant identified uses

Main use category : Dyestuff/pigment (e.g.: textile, leather, paper)
Industrial/Professional use spec : Industrial
Use of the substance/mixture : Uses advised against: Food/feedstuff additives, Pharmaceuticals

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Triade BV
Dijkweg 159
2675 AD Honselersdijk - Nederland
T +31(0)174-272222
msds@triade.nl - www.triade.eu

1.4. Emergency telephone number

Emergency number : +31(0)174-272222
This number is serviced during office hours.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

2.3. Other hazards

Other hazards not contributing to the classification : Product is a colorant and can stain skin, eyes and/or various articles. In the case of dusty organic products the possibility of a dust explosion should always be considered.

SECTION 3: Composition/information on ingredients

Description: : Preparation based on : Azo dyestuff

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
sodium carbonate	(CAS-No.) 497-19-8 (EC-No.) 207-838-8 (EC Index-No.) 011-005-00-2	< 10	Eye Irrit. 2, H319

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Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after inhalation	: Take victim to fresh air, in a quiet place and if necessary take medical advice. If unconscious, place in the recovery position and seek medical advice.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash contaminated clothing before reuse.
First-aid measures after eye contact	: Rinse immediately with plenty of water, also under the eyelids. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Rinse mouth out with water. Do not induce vomiting.

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

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	: Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure.
Symptoms/effects after skin contact	: May stain the skin. May cause slight irritation to the skin.
Symptoms/effects after eye contact	: May stain the eyes. May cause slight irritation.
Symptoms/effects after ingestion	: May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Foam. extinguishing powder.
Unsuitable extinguishing media	: Carbon dioxide (CO ₂). Strong water jet.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: No information available on this specific product, however by analogy, the product is considered to be: No fire hazard.
Explosion hazard	: In the case of dusty organic products the possibility of a dust explosion should always be considered.
Hazardous decomposition products in case of fire	: When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, nitrogen oxides (NO _x).

5.3. Advice for firefighters

Firefighting instructions	: Avoid dust formation. Exercise caution when fighting any chemical fire.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	: Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with skin, eyes and clothing. Avoid breathing dust, mist or spray.

6.1.1. For non-emergency personnel

Protective equipment	: Wear recommended personal protective equipment. Refer to chapter 8.
Emergency procedures	: Provide adequate ventilation. Minimize generation of dust. Wear suitable respiratory equipment in case of insufficient ventilation. Keep unprotected persons from entering.

6.1.2. For emergency responders

Protective equipment	: Wear recommended personal protective equipment. Refer to chapter 8.
Emergency procedures	: Provide adequate ventilation. Minimize generation of dust. Wear suitable respiratory equipment in case of insufficient ventilation. Keep unprotected persons from entering.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting. Wash away remainder with plenty of water. Dispose in a safe manner in accordance with local/national regulations.
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6.4. Reference to other sections

(see section(s) : 8, 13).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid all unnecessary exposure. Avoid dust formation. Keep away from sources of ignition - No smoking.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Do not drink, eat or smoke in the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed when not in use.

Incompatible products : Do not allow water (or moist air) contact with this material.

Information on mixed storage : Keep away from food, drink and animal feeding stuffs.

Storage area : Store in dry, cool, well-ventilated area.

Packaging materials : Store in original packaging or in an alternative made of compatible materials.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

TRIAMIN BLACK L		
EU	IOELV TWA (mg/m ³)	10 mg/m ³ Total dust (10 mg/m ³ (8hr TWA) for inhalable dust and 4 mg/m ³ (8hr TWA) for respirable dust)

8.2. Exposure controls

Appropriate engineering controls:

Ventilate area. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal protective equipment:

Dust formation: dust mask. Gloves. Protective clothing. Safety glasses.

Hand protection:

Chemical resistant gloves (according to European standard NF EN 374 or equivalent), e.g. PVC gloves - Nitrile-rubber protective gloves

Eye protection:

Wear tight fitting safety glasses or facial screen

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Dust formation: dust mask

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

Other information:

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Product is a colorant and can stain skin, eyes and/or various articles.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid

Appearance : Powder.

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Colour	: Black.
Odour	: None.
Odour threshold	: ppm
pH	: 8 - 10 (20°C, 10 g/l)
Relative evaporation rate (butylacetate=1)	: Not applicable
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: No data available
Decomposition temperature	: > 200 °C
Flammability (solid, gas)	: No data available
Vapour pressure	: Not applicable
Relative vapour density at 20 °C	: Not applicable
Relative density	: No data available
Solubility	: Water: 40 g/l (90°C)
Log Pow	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: Not applicable
Explosive properties	: In the case of dusty organic products the possibility of a dust explosion should always be considered.
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

In the case of dusty organic products the possibility of a dust explosion should always be considered.

10.4. Conditions to avoid

High temperature.

10.5. Incompatible materials

Oxidizing and reducing agents may destroy the dye.

10.6. Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, nitrogen oxides (NOx).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

TRIAMIN BLACK L	
LD50 oral rat	> 15000 mg/kg
sodium carbonate (497-19-8)	
LD50 oral rat	4090 mg/kg
LD50 oral	6600 mg/kg Mouse
LD50 dermal rabbit	2210 mg/kg
LC50 inhalation rat (mg/l)	2875 mg/l/4h

Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 8 - 10 (20°C, 10 g/l)
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Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 8 - 10 (20°C, 10 g/l)
Respiratory or skin sensitisation	: Not classified (Lack of data)
Germ cell mutagenicity	: Not classified (Lack of data)
Carcinogenicity	: Not classified (Lack of data)
Reproductive toxicity	: Not classified (Lack of data)
STOT-single exposure	: Not classified (Lack of data)
STOT-repeated exposure	: Not classified (Lack of data)
Aspiration hazard	: Not classified (Lack of data)

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Do not allow into drains or water courses.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

TRIAMIN BLACK L	
LC50 fish 1	> 1000 mg/l (96h)
EC50 other aquatic organisms 1	> 100 mg/l Crustacea (48 h)
sodium carbonate (497-19-8)	
LC50 fish 1	740 mg/l 96 h
EC50 Daphnia 1	265 mg/l 48 h

12.2. Persistence and degradability

TRIAMIN BLACK L	
Persistence and degradability	Not readily biodegradable.
Biochemical oxygen demand (BOD)	~ 12 mg O ₂ /g
Chemical oxygen demand (COD)	~ 800 mg O ₂ /g
Biodegradation	< 10 % Method: BOD ₅ /COD

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

TRIAMIN BLACK L	
Results of PBT assessment	No data available

12.6. Other adverse effects

Additional information : Product contains no organically bound halogen according to preparation. (AOX = 0%). The metal content is within the ETAD limits

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Sewage disposal recommendations	: Do not discharge into drains.
Product/Packaging disposal recommendations	: If recycling is not possible, eliminate in accordance with local valid waste disposal regulations. Empty the packaging completely prior to disposal. Remove to an authorized waste treatment plant.
Ecology - waste materials	: Avoid release to the environment.
European List of Waste (LoW) code	: 04 02 17 - dyestuffs and pigments other than those mentioned in 04 02 16

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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ADR	IMDG	IATA	ADN	RID
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

14.6. Special precautions for user

- Overland transport

No data available

- Transport by sea

No data available

- Air transport

No data available

- Inland waterway transport

No data available

- Rail transport

No data available

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

Germany

Reference to AwSV

: Water hazard class (WGK) 1, low hazard to waters (Classification according to AwSV, Annex 1)

WGK remark

: Manufacturer Information

Netherlands

Waterbezwaarlijkheid

: 11 - Slightly harmful to aquatic organisms

Saneringsinspanningen

: B - Lozing minimaliseren; toepassen van best uitvoerbare technieken

SZW-lijst van kankerverwekkende stoffen

: None of the components are listed

SZW-lijst van mutagene stoffen

: None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding

: None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid

: None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling

: None of the components are listed

15.2. Chemical safety assessment

Chemical safety assessments for substances in this preparation were not carried out

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SECTION 16: Other information

Indication of changes:

Hazards identification. First aid measures. Firefighting measures. Accidental release measures. Handling and storage. Exposure controls/personal protection. Ecological information. Disposal considerations. Regulatory information.

Data sources : Manufacturer/Supplier, SIEF communication, <http://echa.europa.eu/>, <http://ecb.jrc.ec.europa.eu/esis/>, <http://www.echemportal.org/>, <http://www.epa.gov/actor/>, ...

Full text of H- and EUH-statements:

Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H319	Causes serious eye irritation.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product