

Safety Data Sheet

In accordance with Regulation (EU) no. 873/2020 and Regulation (EC) no. 1272/2008
(All references to EU regulations and directives are abbreviated into only the numeric term)

Release Date: 1.2017
Revision Date: 12.2024
Version: 3.0

Mulcol® Multicollar *Slim*

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name Mulcol® Multicollar *Slim*
Universal Fire Collar

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

General use Fire protection means. Reserved for industrial and professional use.

1.3 Details of the supplier of the safety data sheet

Company name Mulcol International
Promenade 75
5401 GM Uden
The Netherlands
Telephone +31 (0)118-726140
E-mail info@mulcol.com
Website www.mulcol.com

1.4. Alarmnummer

In case of emergency contact toxicological information, emergency tel. 112 or 999.
For non-emergency poison information, United Kingdom: National Poisons Information Service 0344 892 0111 (for healthcare professionals only).

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

Article not subject to hazard labelling or classification.

2.2 Label elements

Labelling (CLP)

Hazard statement Not applicable
Precautionary statements Not applicable

2.3 Other hazards

Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat. Persons already sensitised to diisocyanates may develop allergic reactions when using this product.

Endocrine disrupting properties, Results of PBT and vPvB assessment:

No data available.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical characterisation

Reaction product of polyether polyol and isocyanates with additives.

Hazardous ingredients:

Ingredient	Designation	Content	Classification
EC No.: 203-615-4 CAS: 108-78-1	Melamine (SVHC)	< 5 %	Carc. 2; H351. Repr. 2; H361f. STOT RE 2; H373.

Full text of H- and EUH-statements: see section 16.

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Additional information: Contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: Melamine (Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health); Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment))

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

In case of inhalation	Move victim to fresh air; if necessary, provide artificial respiration or oxygen. In the event of discomfort seek medical treatment.
Following skin contact	Change contaminated clothing. After contact with skin, wash immediately with soap and plenty of water. In case of skin reactions, consult a physician.
After eye contact	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Subsequently consult an ophthalmologist.
After swallowing	Rinse mouth. Do not induce vomiting. Immediately get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Water spray jet, foam, extinguishing powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons

Full water jet

5.2 Special hazards arising from the substance or mixture

May form dangerous gases and vapours in case of fire.

5.3 Advice for firefighters

Special protective equipment for firefighters

Wear self-contained breathing apparatus and protective clothing to protect skin and eyes.

Additional information

Do not allow water used to extinguish fire to enter drains, ground or waterways.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid generation of dust. Do not breathe dust.
For mechanical processing: Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse.

6.2 Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains.

6.3 Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal. Final cleaning.

6.4 Reference to other sections

Refer additionally to section 8 and 13.

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SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Advices on safe handling

Provide adequate ventilation, and local exhaust as needed.
Avoid generation of dust. Do not breathe dust.
For mechanical processing: Wear appropriate protective equipment.
Take off contaminated clothing and wash it before reuse.
Have eye wash bottle or eye rinse ready at work place.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers

Store in a cool dry place. Protect from humidity.

Hints on joint storage

Keep away from food, drink and animal feeding stuffs.

7.3 Specific end use(s)

Observe instructions for use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limit values

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Provide good ventilation and/or an exhaust system in the work area.

Personal protection equipment

Occupational exposure controls

Respiratory protection

With the formation of dust, use a dust mask.

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product.

Hand protection

Protective gloves according to EN 374:1

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection

Tightly sealed goggles according to EN ISO 16321-1:2022.

Body protection

Wear suitable protective clothing.

General protection and hygiene measures:

Avoid generation of dust. Do not breathe dust. When using do not eat, drink or smoke. Wash hands before breaks and after work.
Take off contaminated clothing and wash it before reuse.
Have eye wash bottle or eye rinse ready at workplace.

Environmental exposure controls

Refer to "6.2 Environmental precautions".

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Physical state at 20 °C and 101.3 kPa: solid Form: Flexible foam, elastic
Odour	No data available
Odour threshold	No data available
pH value	Not applicable
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point/flash point range	Not applicable
Evaporation rate	No data available
Flammability	No data available
Explosion limits	No data available
Vapour pressure	No data available
Vapour density	No data available
Density	900 - 1350 kg/m ³
Solubility	No data available
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity, kinematic	No data available
Explosive properties	No data available
Oxidizing characteristics	None

9.2 Other information

Additional information

No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Refer to 10.3.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

Protect from humidity.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products when regulations for storage and handling are observed.

Thermal decomposition

No data available.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicological effects

The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Acute toxicity (oral): Based on available data, the classification criteria are not met.

ATEmix calculated: >2000 mg/kg

Acute toxicity (dermal): Based on available data, the classification criteria are not met.

ATEmix calculated: >2000 mg/kg

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Acute toxicity (inhalative):	Based on available data, the classification criteria are not met.
ATEmix Dusts/mist calculated:	>5 mg/L/4h
Skin corrosion/irritation:	Lack of data.
Eye damage/irritation:	Lack of data.
Sensitisation to the respiratory tract:	Lack of data.
Skin sensitisation:	Lack of data.
Germ cell mutagenicity/Genotoxicity:	Lack of data.
Carcinogenicity:	Lack of data.
Reproductive toxicity:	Lack of data.
Effects on or via lactation:	Lack of data.
Specific target organ toxicity (single exposure):	Lack of data.
Specific target organ toxicity (repeated exposure)	Lack of data.
Aspiration hazard:	Lack of data.

11.2 Information on other hazards

Endocrine disrupting properties:

No data available

Symptoms

Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Further details

No data available.

12.2. Persistence and degradability

Further details

No data available.

12.3 Bio accumulative potential

Partition coefficient: n-octanol/water

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects

General information

Do not allow to enter into groundwater, surface water or drains.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Waste key number

08 04 10 = waste adhesives and sealants other than those mentioned in 08 04 09.

Recommendation

Dispose of waste according to applicable legislation.

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Contaminated packaging

Recommendation

Dispose of waste according to applicable legislation.
Handle contaminated packages in the same way as the substance itself.
Non-contaminated packages may be recycled.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

ADR/RID, IMDG, IATA-DGR:

Not applicable.

14.2 UN proper shipping name

ADR/RID, IMDG, IATA-DGR:

Not restricted.

14.3 Transport hazard class(es)

ADR/RID, IMDG, IATA-DGR:

Not applicable.

14.4 Packing group

ADR/RID, IMDG, IATA-DGR:

Not applicable.

14.5 Environmental hazards

Dangerous for the environment:

Substance/mixture is not environmentally hazardous according to the criteria of the UN model regulations.

Marine pollutant – IMDG:

No

14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

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

No data available.

SECTION 15: REGULATORY INFORMATION

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

National regulations – EC member states

Further regulations, limitations and legal requirements:

Contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: Melamine.

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

SECTION 16: OTHER INFORMATION

Further information

Wording of the H-phrases under paragraph 2 and 3:

H351 = Suspected of causing cancer.
H361f = Suspected of damaging fertility or the unborn child.
H373 = May cause damage to organs through prolonged or repeated exposure.

Revisions of this document

The revision resulting in version 3.0 made drastic changes in section 1 to 16, updating the document to be in accordance with (EU) no. 878/2020.

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Abbreviations and acronyms:

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
AS/NZS: Australian Standards/New Zealand Standards
Carc.: Carcinogenicity
CAS: Chemical Abstracts Service
CFR: Code of Federal Regulations
CLP: Classification, Labelling and Packaging
DMEL: Derived minimal effect level
DNEL: Derived no-effect level
EC: European Community
EN: European Standard
EQ: Excepted quantities
IATA: International Air Transport Association
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IMDG Code: International Maritime Dangerous Goods Code
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OSHA: Occupational Safety and Health Administration
PBT: Persistent, bioaccumulative and toxic
PNEC: Predicted no-effect concentration
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
Repr.: Reproductive toxicity
RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail
STOT RE: Specific target organ toxicity - repeated exposure
SVHC: Substance of very high concern
TRGS: Technical Rules for Hazardous Substances
TSCA: Toxic Substance Control Act
vPvB: Very persistent and very bioaccumulative

Notice to reader

The information contained in this safety data sheet is based on the present state of knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not be construed as any guarantee of the technical performance or suitability for particular applications.

The information in this safety data sheet is based on data and samples tested by Mulcol International B.V. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1.

New safety data sheets are written from time to time. Only the most recent versions may be used. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes.

The safety data sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. Mulcol International B.V. does not guarantee the accuracy or exhaustiveness of the information provided and cannot be held liable for any changes by third parties.

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