





## Safety Data Sheet

according to 29 CFR 1910.1200(g)

### TIP TOP CHEMOLINE RT unv.

Revision date: 04/01/2025

Product code: 00359-1368

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#### After ingestion

Ingestion is not considered a potential route of exposure.

#### Most important symptoms and effects, both acute and delayed

May cause sensitization in susceptible persons by skin contact.

#### Indication of any immediate medical attention and special treatment needed

Treat symptoms.

## 5. Fire-fighting measures

#### Extinguishing media

##### Suitable extinguishing media

Any extinguishing means and measures are acceptable. Fire-extinguishing activities according to surrounding building materials.

##### Unsuitable extinguishing media

Full water jet.

#### Specific hazards arising from the chemical

Fire may produce:

Carbon monoxide, carbon dioxide, sulphur oxides and nitrogen oxides (NO<sub>x</sub>).

Bromine compounds

Chlorine compounds

#### Special protective equipment and precautions for fire-fighters

Use breathing apparatus with independent air supply.

Protective suit.

#### Additional information

Collect contaminated firefighting water separately, must not be discharged into the drains.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

## 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

##### General advice

Ensure adequate ventilation.

Keep away noninvolved persons.

##### For non-emergency personnel

Avoid contact with skin, eyes and clothing.

##### For emergency responders

Use personal protection equipment.

In case of vapour formation use respirator.

#### Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

#### Methods and material for containment and cleaning up

##### For containment

No special measures required.

##### For cleaning up

Take up mechanically and collect in suitable container for disposal.

Where possible recycling is preferred to disposal.

#### Reference to other sections

Observe protective instructions (see Sections 7 and 8).

Information for disposal look up chapter 13.

## 7. Handling and storage

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**Precautions for safe handling****Advice on safe handling**

Do not breathe vapours.  
Avoid contact with the skin and the eyes.

**Advice on protection against fire and explosion**

Keep away from open flames, hot surfaces and sources of ignition.  
The product is flammable but not readily ignited.

**Advice on general occupational hygiene**

Wash hands before breaks and immediately after handling the product.  
When using do not eat, drink or smoke.

**Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep in a dry, cool place.

**Hints on joint storage**

Incompatible with:  
Nitrous acid and other nitrosating agents.

**Further information on storage conditions**

Keep away from food, drink and animal feeding stuffs.

**8. Exposure controls/personal protection****Control parameters****Exposure limits**

CAS No	Substance	ppm	mg/m <sup>3</sup>	f/cc	Category	Origin
1333-86-4	Carbon black (in presence of polycyclic aromatic hydrocarbons (PAHs)) (as PAHs)	-	0.1		TWA (8 h)	REL
1333-86-4	Carbon black (inhalable fraction)		3		TWA (8 h)	ACGIH-2024
1333-86-4	Carbon black	-	3.5		TWA (8 h)	PEL

**Additional advice on limit values**

This product does not contain any substances for which a Workplace Exposure Limit has been set in concentrations above the limits.

**Exposure controls****Appropriate engineering controls**

Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment****Hand protection**

Protective gloves  
Requirements can vary as a function of the use. Therefore, it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

**Skin protection**

Long sleeved clothing.

**Respiratory protection**

In case of respirable dust and/or fumes, use a self-contained breathing apparatus.

**9. Physical and chemical properties****Information on basic physical and chemical properties**

Physical state: Solid

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Color: Various  
Odor: Characteristic

**Changes in the physical state**

Melting point/freezing point: n.d.  
Boiling point or initial boiling point and boiling range: n.d.  
Sublimation point: n.a.  
Softening point: n.d.  
Flash point: n.a.

**Flammability**

Solid/liquid: not highly flammable

**Explosive properties**

The product is not explosive.

Lower explosion limits: n.a.  
Upper explosion limits: n.a.  
Auto-ignition temperature: n.a.

**Self-ignition temperature**

Solid: The product is not self-igniting.  
Gas: n.a.

Decomposition temperature: n.d.

pH-Value: n.a.

Viscosity / dynamic: n.a.

Viscosity / kinematic: n.a.

Flow time: n.a.

Water solubility: Insoluble  
(at 20 °C)

**Solubility in other solvents**

n.d.

Partition coefficient n-octanol/water: n.d.

Vapor pressure: n.a.

Density (at 23 °C): 1,18 - 1,22 g/cm<sup>3</sup>

Bulk density: n.a.

Relative vapour density: n.d.

**Other information****Information with regard to physical hazard classes**

Oxidizing properties

Not oxidising.

**Other safety characteristics**

Solvent separation test: 0 %

Solvent content: 0 %

Solid content: 100 %

Evaporation rate: n.a.

**10. Stability and reactivity**

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**Reactivity**

No decomposition if stored and applied as directed.

**Chemical stability**

Stable under normal conditions.

**Possibility of hazardous reactions**Reacts with:  
Nitrous acid and other nitrosating agents.**Conditions to avoid**

To avoid thermal decomposition, do not overheat.

**Incompatible materials**

Nitrous acid and other nitrosating agents.

**Hazardous decomposition products**

An inappropriate handling, for instance major amounts of product combined with strong heat and nitrosating agents, renders possible a cleavage of nitrosamines in traces.

Fire may produce:

Carbon monoxide, carbon dioxide, sulphur oxides, and nitrogen oxides (NO<sub>x</sub>).

Bromine compounds

Chlorine compounds

**11. Toxicological information****Information on toxicological effects****Acute toxicity**

Based on available data, the classification criteria are not met.

No toxicological data available.

**ATEmix calculated**

ATE (oral) &gt; 2000 mg/kg; ATE (dermal) &gt; 2000 mg/kg; ATE (inhalation vapour) &gt; 20 mg/l; ATE (inhalation dust/mist) &gt; 5 mg/l

**Irritation and corrosivity**

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

**Sensitizing effects**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

**Specific target organ toxicity (STOT) - single exposure**

Based on available data, the classification criteria are not met.

**Specific target organ toxicity (STOT) - repeated exposure**

Based on available data, the classification criteria are not met.

Carcinogenicity (OSHA):

No ingredient of this mixture is listed.

Carcinogenicity (IARC):

Carbon black (CAS 1333-86-4) is listed in group 2B.

Carcinogenicity (NTP):

No ingredient of this mixture is listed.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Additional information on tests**

This product is classified in accordance with the GHS regulations.

**Information on other hazards**

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**Endocrine disrupting properties**

No data available

**Further information**

If appropriately handled and if in accordance with the general hygienic rules, no damages to health have become known.

Product contains low quantities of components with the classification "toxic for reproduction". Nevertheless it is not hazardous to health if inhaled, swallowed or in case of contact with skin under this form.

**12. Ecological information****Ecotoxicity**

Ecological data are not available.

Because of the low solubility a toxicity to aquatic organisms is not to be expected.

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**Other adverse effects**

No data available

**Further information**

Do not flush into surface water or sanitary sewer system.

Ecological injuries are not known or expected under normal use.

**13. Disposal considerations****Waste treatment methods****Disposal recommendations**

Can be incinerated, when in compliance with local regulations.

Where possible recycling is preferred to disposal.

**Contaminated packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

**14. Transport information****U.S. DOT 49 CFR 172.101****Proper shipping name:**

No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)****UN number or ID number:**

No dangerous good in sense of this transport regulation.

**UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

**Packing group:**

No dangerous good in sense of this transport regulation.

**Air transport (ICAO-TI/IATA-DGR)****UN number or ID number:**

No dangerous good in sense of this transport regulation.

**UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

**Packing group:**

No dangerous good in sense of this transport regulation.

**Environmental hazards**

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ENVIRONMENTALLY HAZARDOUS: No

**Special precautions for user**

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

**15. Regulatory information****U.S. Regulations****State Regulations****Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)**

WARNING: This product can expose you to chemicals including Carbon black (airborne, unbound particles of respirable size) (cancer), which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**16. Other information**

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**Abbreviations and acronyms**

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route

RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses

ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

IMDG = International Maritime Code for Dangerous Goods

IATA/ICAO = International Air Transport Association / International Civil Aviation Organization

MARPOL = International Convention for the Prevention of Pollution from Ships

IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

REACH = Registration, Evaluation, Authorization and Restriction of Chemicals

CAS = Chemical Abstract Service

EN = European norm

ISO = International Organization for Standardization

DIN = Deutsche Industrie Norm

PBT = Persistent Bioaccumulative and Toxic

vPvB = Very Persistent and very Bio-accumulative

LD = Lethal dose

LC = Lethal concentration

EC = Effect concentration

IC = Median immobilisation concentration or median inhibitory concentration

**Other data**

The information in this document is based on the present state of knowledge and is applicable to the product with regard to appropriate safety precautions.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)



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*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*