acc. to 29 CFR 1910.1200 App D



## GALAXY BODY FILLER HARDENER 26-500 S275-26-500 26-501 S275-26-501

Date of compilation: 2023-01-13

#### **SECTION 1: Identification**

#### 1.1 Product identifier

Trade name GALAXY BODY FILLER HARDENER

Alternative number(s) 26-500 | 26-501

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

Relevant identified uses General use

#### 1.3 Details of the supplier of the safety data sheet

Orion Automotive Finishes LLC PO Box 34 - 1959 Kings Hwy Swedesboro, NJ 08085, USA

Telephone: +1844 578 1750 Telefax: +1 512 793 9796

Website

www.orionautomotivefinishes.com

#### 1.4 Emergency telephone number

INFOTRAC www.infotrac.net US & Canada: +1 800 535 5053 International: +1 352 323 3500 .

#### **SECTION 2: Hazard(s) identification**

#### 2.1 Classification of the substance or mixture

Classification acc. to GHS

Section	Hazard class	Category	Hazard class and category	Hazard state- ment
2.8	Self-reactive substance and mixture	С	Self-react. C	H242
2.15	Organic peroxide	С	Org. Perox. C	H242
3.3	Serious eye damage/eye irritation	2	Eye Irrit. 2	H319
3.45	Skin sensitization	1	Skin Sens. 1	H317

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects
This material is self-reactive.

#### 2.2 Label elements

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#### Labeling

- Signal word danger

- Pictograms

GHS02, GHS07



#### - Hazard statements

H242 Heating may cause a fire.

H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.

#### - Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P234 Keep only in original packaging.

P235 Keep cool.

P240 Ground and bond container and receiving equipment.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear eye protection/face protection. P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing.

P321 Specific treatment (see on this label).

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

P370+P378 In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.

P403 Store in a well-ventilated place.

P410 Protect from sunlight.

P411 Store at temperatures not exceeding 50 °C/122 °F.

P420 Store separately.

P501 Dispose of contents/container to industrial combustion plant.

#### 2.3 Other hazards

Heating may cause a fire.

#### **SECTION 3: Composition/information on ingredients**

NOTA THE SPECIFIC CHEMICAL IDENTITY AND/OR THEIR PERCENTAGES OF COMPONENTS ARE CONSIDERED INDUSTRIAL SECRECY.

THE MATERIALS CONSIDERED DANGEROUS ARE REPORTED IN SECTION EIGHT OF THIS SAFETY DATA SHEET.

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## GALAXY BODY FILLER HARDENER 26-500 | 26-501

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#### **SECTION 4: First-aid measures**

#### 4.1 Description of first-aid measures

#### General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

#### Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

#### Following skin contact

Rinse skin with water/shower.

#### Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

#### Following ingestion

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

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

Symptoms and effects are not known to date.

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

none

#### **SECTION 5: Fire-fighting measures**

#### 5.1 Extinguishing media

Suitable extinguishing media

Water, Foam, ABC-powder

Unsuitable extinguishing media

Water jet

#### 5.2 Special hazards arising from the substance or mixture

Deposited combustible dust has considerable explosion potential. Oxidizing property.

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO2)

#### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

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## GALAXY BODY FILLER HARDENER 26-500 | 26-501

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#### **SECTION 6: Accidental release measures**

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

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

#### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

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

Advice on how to contain a spill

Covering of drains, Take up mechanically

Advice on how to clean up a spill

Take up mechanically.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

#### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

#### **SECTION 7: Handling and storage**

#### 7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Take precautionary measures against static discharge. Use only in well-ventilated areas. Take any precaution to avoid mixing with combustibles. Ground/bond container and receiving equipment.

- Specific notes/details

Dust deposits may accumulate on all deposition surfaces in a technical room. The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

- Handling of incompatible substances or mixtures
- Keep away from

Organic absorbing material, Pulp/paper

#### Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

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## **GALAXY BODY FILLER HARDENER** 26-500 | 26-501

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#### 7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

- Explosive atmospheres Removal of dust deposits.
- Flammability hazards

Keep reduction valves/valves and fittings free from oil and grease.

- Incompatible substances or mixtures Keep/store away from clothing/combustible materials. Take any precaution to avoid mixing with combustibles.

Control of the effects

Protect against external exposure, such as

Frost

- Ventilation requirements Use local and general ventilation.
- Packaging compatibilities Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

#### 7.3 Specific end use(s)

See section 16 for a general overview.

#### **SECTION 8: Exposure controls/personal protection**

#### 8.1 **Control parameters**

Occupational exposure limit values (Workplace Exposure Limits)

Co un- try	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/ m³]	STEL [ppm]	STEL [mg/ m³]	Ceil- ing-C [ppm]	Ceil- ing-C [mg/ m³]	Nota tion	Source
US	BENZOYL PEROX- IDE	94-36-0	REL		5 (10 h)						NIOSH REL
US	BENZOYL PEROX- IDE	94-36-0	PEL		5						29 CFR 1910.1000
US	BENZOYL PEROX- IDE (DIBENZOYL PEROXIDE)	94-36-0	PEL (CA)		5						Cal/OSHA PEL

Notation

TWA

ceiling value is a limit value above which exposure should not occur

Ceiling-C STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified

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## Relevant DNELs of components of the mixture

NAME OF SUBSTANCE	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
DIBENZOYL PEROXIDE	94-36-0	DNEL	39 mg/m³	Human, inhalat- ory	Worker (in- dustry)	Chronic - systemic ef- fects
DIBENZOYL PEROXIDE	94-36-0	DNEL	13.3 mg/kg bw/day	Human, dermal	Worker (in- dustry)	Chronic - systemic ef- fects
DIBENZOYL PEROXIDE	94-36-0	DNEL	34 μg/cm²	Human, dermal	Worker (in- dustry)	Chronic - loc- al effects
OXYDIPROPYL DIBEN- ZOATE	27138-31-4	DNEL	8.8 mg/m <sup>3</sup>	Human, inhalat- ory	Worker (in- dustry)	Chronic - systemic ef- fects
OXYDIPROPYL DIBEN- ZOATE	27138-31-4	DNEL	35.08 mg/m <sup>3</sup>	Human, inhalat- ory	Worker (in- dustry)	Acute - sys- temic effects
OXYDIPROPYL DIBEN- ZOATE	27138-31-4	DNEL	10 mg/kg bw/day	Human, dermal	Worker (in- dustry)	Chronic - systemic ef- fects
OXYDIPROPYL DIBEN- ZOATE	27138-31-4	DNEL	170 mg/kg bw/day	Human, dermal	Worker (in- dustry)	Acute - sys- temic effects

#### Relevant PNECs of components of the mixture

Name of sub- stance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
DIBENZOYL PEROX- IDE	94-36-0	PNEC	0.02 <sup>µg</sup> / <sub>I</sub>	Aquatic organisms	Freshwater	Short-term (single in- stance)
DIBENZOYL PEROX- IDE	94-36-0	PNEC	0.002 <sup>µg</sup> / <sub>l</sub>	Aquatic organisms	Marine water	Short-term (single in- stance)
DIBENZOYL PEROX- IDE	94-36-0	PNEC	0.35 <sup>mg</sup> / <sub>l</sub>	Aquatic organisms	Sewage treat- ment plant (STP)	Short-term (single in- stance)
DIBENZOYL PEROX- IDE	94-36-0	PNEC	0.013 <sup>mg</sup> / <sub>kg</sub>	Aquatic organisms	Freshwater sedi- ment	Short-term (single in- stance)
DIBENZOYL PEROX- IDE	94-36-0	PNEC	0.001 <sup>mg</sup> / <sub>kg</sub>	Aquatic organisms	Marine sediment	Short-term (single in- stance)

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#### Relevant PNECs of components of the mixture

Name of sub- stance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
DIBENZOYL PEROX- IDE	94-36-0	PNEC	0.003 <sup>mg</sup> / <sub>kg</sub>	Terrestrial organ- isms	Soil	Short-term (single in- stance)
OXYDIPROPYL DIBENZOATE	27138-31-4	PNEC	3.7 <sup>µg</sup> / <sub>l</sub>	Aquatic organisms	Freshwater	Short-term (single in- stance)
OXYDIPROPYL DIBENZOATE	27138-31-4	PNEC	0.37 <sup>µg</sup> / <sub>l</sub>	Aquatic organisms	Marine water	Short-term (single in- stance)
OXYDIPROPYL DIBENZOATE	27138-31-4	PNEC	10 <sup>mg</sup> / <sub>l</sub>	Aquatic organisms	Sewage treat- ment plant (STP)	Short-term (single in- stance)
OXYDIPROPYL DIBENZOATE	27138-31-4	PNEC	1.49 <sup>mg</sup> / <sub>kg</sub>	Aquatic organisms	Freshwater sedi- ment	Short-term (single in- stance)
OXYDIPROPYL DIBENZOATE	27138-31-4	PNEC	0.149 <sup>mg</sup> / <sub>kg</sub>	Aquatic organisms	Marine sediment	Short-term (single in- stance)
OXYDIPROPYL DIBENZOATE	27138-31-4	PNEC	1 <sup>mg</sup> / <sub>kg</sub>	Terrestrial organ- isms	Soil	Short-term (single in- stance)

#### 8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear protective gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

Particulate filter device (EN 143).

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#### Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

#### **SECTION 9: Physical and chemical properties**

#### 9.1 Information on basic physical and chemical properties

Physical state	solid
Color	BLUE
Odor	characteristic
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	100 °C
Flammability	this material is combustible, but will not ignite readily
Lower and upper explosion limit	not determined
Flash point	not applicable
Auto-ignition temperature	not determined
Decomposition temperature	no data available
pH (value)	not applicable
Kinematic viscosity	not relevant
Solubility(ies)	not determined

#### Partition coefficient

Partition coefficient n-octanol/water (log value)	this information is not available
Vapor pressure	23 hPa at 20 °C

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#### Density and/or relative density

Density	not determined
Particle characteristics	no data available

#### 9.2 Other information

Information with regard to physical hazard classes	there is no additional information
Other safety characteristics	
Solvent content	50 %
Solid content	50 %

## **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Self-reactive property. Oxidizing property.

If heated:

Risk of ignition

#### 10.2 Chemical stability

See below "Conditions to avoid".

#### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

Hints to prevent fire or explosion

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

#### 10.5 Incompatible materials

Oxidizers, Combustible materials

#### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

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#### **SECTION 11: Toxicological information**

## 11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

#### Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Acute toxicity

Shall not be classified as acutely toxic.

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitization

May cause an allergic skin reaction.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

#### Carcinogenicity

Shall not be classified as carcinogenic.

#### IARC Monographs on the Evaluation of Carcinogenic Risks to Humans

Name of substance	CAS No	Classification	Number
DIBENZOYL PEROXIDE	94-36-0	3	

#### Legend

Not classifiable as to carcinogenicity in humans

#### Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

#### Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

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#### 11.2 Information on other hazards

There is no additional information.

#### **SECTION 12: Ecological information**

#### 12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

#### 12.2 Persistence and degradability

Data are not available.

#### 12.3 Bioaccumulative potential

Data are not available.

#### 12.4 Mobility in soil

Data are not available.

#### 12.5 Results of PBT and vPvB assessment

Data are not available.

#### 12.6 Endocrine disrupting properties

Information on this property is not available.

#### 12.7 Other adverse effects

Data are not available.

#### **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

#### Waste treatment of containers/packages

Only packagings which are approved (e.g. acc. to DOT) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

#### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

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### **SECTION 14: Transport information**

**14.1 UN number** 1263

DOT UN 3108
IMDG-Code UN 3108
ICAO-TI UN 3108

**14.2 UN proper shipping name** PAINT

DOT Organic peroxide type E, solid IMDG-Code ORGANIC PEROXIDE TYPE E, SOLID

ICAO-TI Organic peroxide type E, solid

14.3 Transport hazard class(es)

DOT 5.2 IMDG-Code 5.2 ICAO-TI 5.2

14.4 Packing group

DOT

**14.5 Environmental hazards** none

Environmentally hazardous substance (aquatic DIBENZOYL PEROXIDE environment)

**14.6** Special precautions for user there is no additional information

14.7 Maritime transport in bulk according to IMO instruments

Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information

Particulars in the shipper's declaration UN3108, Organic peroxide type E, solid, 5.2, II, en-

vironmentally hazardous

Danger label(s) 5.2, fish and tree



Environmental hazards yes (hazardous to the aquatic environment)

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#### **SECTION 15: Regulatory information**

# 15.1 Safety, health and environmental regulations specific for the product in question National regulations (United States)

**Toxic Substance Control Act (TSCA)** 

all ingredients are listed

#### Superfund Amendment and Reauthorization Act (SARA TITLE III )

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

none of the ingredients are listed

- Specific Toxic Chemical Listings (EPCRA Section 313)

Toxics Release Inventory: Specific Toxic Chemical Listings

Name of substance	CAS No	Remarks	Effective date
DIBENZOYL PEROXIDE	94-36-0		1986-12-31

#### Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4) none of the ingredients are listed

#### **Clean Air Act**

none of the ingredients are listed

#### **Right to Know Hazardous Substance List**

- Hazardous Substance List (NJ-RTK)

Name of substance	CAS No	Remarks	Classifications
DIBENZOYL PEROXIDE	94-36-0		F4 R4

Legend

F4 Flammable - Fourth Degree R4 Reactive - Fourth Degree

# California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

none of the ingredients are listed

#### Industry or sector specific available guidance(s)

#### **NPCA-HMIS® III**

Hazardous Materials Identification System. American Coatings Association.

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Category	Rating	Description
Chronic	/	None
Health	2	Temporary or minor injury may occur
Flammability	1	Material that must be preheated before ignition can occur
Physical hazard	4	Material that is readily capable of explosive water reaction, detonation or explosive decomposition, polymerization, or self-reaction at normal temperature and pressure
Personal protection	-	

#### **NFPA® 704**

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

Category	Degree of hazard	Description
Flammability	1	Material that must be preheated before ignition can occur
Health	2	Material that, under emergency conditions, can cause temporary incapacitation or residual injury
Instability	4	Material that is readily capable of explosive water reaction, detonation or explosive decomposition, polymerization, or self-reaction at normal temperature and pressure
Special hazard		

#### **National inventories**

Country	Inventory	Status
US	TSCA	All ingredients are listed

Legend

TSCA Toxic Substance Control Act

#### 15.2 Chemical Safety Assessment

 $\label{lem:chemical} Chemical \ safety \ assessments \ for \ substances \ in \ this \ mixture \ were \ not \ carried \ out.$ 

SECTION 16: Other information, including date of preparation or last revision

#### **Abbreviations and acronyms**

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## GALAXY BODY FILLER HARDENER 26-500 | 26-501

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Abbr.	Descriptions of used abbreviations
29 CFR 1910.1000	29 CFR 1910.1000, Tables Z-1, Z-2, Z-3 - Occupational Safety and Health Standards: Toxic and Hazardous Substances (permissible exposure limits)
29 CFR 1910.1200 App D	OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200 - Appendix D - Safety Data Sheets
49 CFR US DOT	49 CFR U.S. Department of Transportation
Cal/OSHA PEL	California Division of Occupational Safety and Health (Cal/OSHA): Permissible Exposure Limits (PELs)
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
Ceiling-C	Ceiling value
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
DOT	Department of Transportation (USA)
ERG No	Emergency Response Guidebook - Number
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO-TI	Technical instructions for the safe transport of dangerous goods by air
IMDG	International Maritime Dangerous Goods Code
IMDG-Code	International Maritime Dangerous Goods Code
NIOSH REL	National Institute for Occupational Safety and Health (NIOSH): Recommended Exposure Limits (RELs)
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
PEL	Permissible exposure limit
PNEC	Predicted No-Effect Concentration
Ppm	Parts per million
STEL	Short-term exposure limit
TWA	Time-weighted average
VPvB	Very Persistent and very Bioaccumulative

## Key literature references and sources for data

Globally Harmonized System of Classification and Labelling of Chemicals ("Purple book").

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Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

#### **Classification procedure**

Physical and chemical properties: The classification is based on tested mixture. Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

#### List of relevant phrases (code and full text as stated in chapter 2 and 3)

Code	Text
H242	Heating may cause a fire.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

#### **Disclaimer**

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

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