

This safety data sheet meets the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008  
and Regulation 2020/878

Date of issue 2023-08-31

Versie 2

## **Section 1: IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE MANUFACTURER**

### **1.1. Product identification**

Product code AC9520  
Product name Dry clean contact spray  
Unique formula identifier CV60-F048-H00A-K872

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

Identified uses AGENT OF SURFACE DEGREASER  
Uses advised against Do not use on humans and animals  
do not use for purposes other than those indicated

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

Supplier Intronics B.V  
P.O. box 123, 3770 AC Barneveld  
the Netherlands

### **For more information, please contact:**

Technical support: +31 34 24 07 050

### **1.4 Emergency contact:**

National Poisons Information Center / University Medical Center Utrecht  
PO Box 85500, 3508 GA Utrecht, The Netherlands  
+31 88 75 585 61  
productnotificatie(at)umcutrecht.nl  
<http://www.productnotification.nl/>

## **Section 2: HAZARD IDENTIFICATION**

### **2.1. Classification of the substance or mixture**

**Regulation (EC) No 1272/2008 (CLP)**



Danger, Aerosols 1, Extremely flammable aerosol. Pressurized container: may burst if heated.



Warning, Skin Irrit. 2, Causes skin irritation.



Warning, STOT SE 3, May cause drowsiness or dizziness.



Aquatic Chronic 2, Toxic to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

## **2.2. Label elements**

### **Product identification**

Hazard pictograms:



### **Signal word**

Danger

Hazard statements:

H222+H229 Extremely flammable aerosol. Pressurized container: may burst if heated.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

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

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P312 Call a POISON CENTER if you feel unwell.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions: None

Contains: hydrocarbons c7, n-alkanes, isoalkanes, cyclics  
propan-2-ol; isopropyl alcohol; isopropanol

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

## **2.3. Other hazards**

No PBT, vPvB or endocrine disruptor substances present in concentration  $\geq 0.1\%$

Other Hazards: No other hazards














### Section 3: COMPOSITION AND INFORMATION ON INGREDIENTS

#### 3.1 Substances

N/A

#### 3.2 Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
>= 70% - < 80%	hydrocarbons c7, n-alkanes, isoalkanes, cyclics	CAS: 64742-49-0 EC: 927-510-4 REACH No.: 01-2119666169-27-0000	 2.6/2 Flam. Liq. 2 H225  3.2/2 Skin Irrit. 2 H315  4.1/C2 Aquatic Chronic 2 H411  3.10/1 Asp. Tox. 1 H304  3.8/3 STOT SE 3 H336
>= 12.5% - < 15%	propane	Index number: 601-003-00-5 CAS: 74-98-6 EC: 200-827-9 REACH No.: 01-2119486944-21-0046	 2.2/1 Flam. Gas 1 H220  2.5 Press. Gas H280
>= 7% - < 10%	propan-2-ol; isopropyl alcohol; isopropanol	Index number: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7 REACH No.: 01-2119457558-25-xxxx	 2.6/2 Flam. Liq. 2 H225  3.3/2 Eye Irrit. 2 H319  3.8/3 STOT SE 3 H336
>= 5% - < 7%	Hydrocarbons, C4; Petroleum gas	Index number: 649-113-00-2 CAS: 87741-01-3 EC: 289-339-5 REACH No.: 01-2119480480-41-xxxx	 2.5 Press. Gas H280  2.2/1 Flam. Gas 1 H220 DECLK (CLP)*
>= 1% - < 3%	ethanol; ethyl alcohol	Index number: 603-002-00-5 CAS: 64-17-5 EC: 200-578-6 REACH No.: 01-2119457610-43-XXXX	 2.6/2 Flam. Liq. 2 H225

\*DECLK (CLP): This substance is classified in accordance with Note K, Annex VI of EC Regulation CE 1272/2008. The harmonised classification as a carcinogen or mutagen applies unless it can be shown that the substance contains less than 0,1 % w/w 1,3- butadiene (Einecs No 203-450-8), in which case a classification in accordance with Title II of this Regulation shall be performed also for those hazard classes. Where the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102-)/P210-P403 shall apply.

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

<b>Inhalation</b>	Remove casualty to fresh air and keep warm and at rest.
<b>Skin contact</b>	Immediately take off all contaminated clothing. Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap. Wash thoroughly the body (shower or bath). Remove contaminated clothing immediately and dispose off safely. After contact with skin, wash immediately with soap and plenty of water.
<b>Eye contact</b>	After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. Protect uninjured eye. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
<b>Ingestion</b>	Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

### 4.2. Most important acute and delayed symptoms and effects

<b>Main symptoms</b>	For symptoms and effects due to the contained substances see chapter 11
----------------------	---

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment: Follow the doctor's instructions

## Section 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable extinguishing media** CO2 or Dry chemical fire extinguisher  
In case of fire, use a foam fire extinguisher to extinguish

**Unsuitable extinguishing material** Water

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

Do not inhale explosion and combustion gases.  
Burning produces heavy smoke.

### 5.3. Advice for firefighters

Use suitable breathing apparatus .  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Move undamaged containers from immediate hazard area if it can be done safely.  
Keep containers cool with water spray.

Normal elements for fire fighting, such as a self-contained compressed air open-circuit respirator (EN 137), fire-retardant suit (EN469), flame-retardant gloves (EN 659) and fire boots (HO A29 or A30).

## **Section 6: MEASURES FOR THE ACCIDENTAL RELEASE OF THE SUBSTANCE**

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

Wear personal protection equipment.  
Remove all sources of ignition.  
Remove persons to safety.  
See protective measures under point 7 and 8.

### **6.2. Environmental precautions**

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.  
Retain contaminated washing water and dispose it.  
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.  
Suitable material for taking up: absorbing material, organic, sand

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

For containment:  
Limit in case of leakage of significant quantities of product. Contain the spread of small quantities of product with earth, sand or other inert absorbent material.

For cleaning up:  
Wash with plenty of water.  
Wet clean or vacuum up solids.  
Clear spills immediately

Other information:  
Don't use a brush or compressed air for cleaning surfaces or clothing.

### **6.4. Reference to other sections**

See also section 8 and 13

## **Section 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling of the substance or mixture**

#### **Advice on safe handling**

Avoid contact with skin and eyes, inhalation of vapours and mists.  
Don't use empty container before they have been cleaned.  
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.  
See also section 8 for recommended protective equipment.  
Do not use on extensive surface areas in premises where there are occupants.  
Use localized ventilation system.

#### **Hygiene measures**

Contaminated clothing should be changed before entering eating areas.  
Do not eat or drink while working.  
Wash hands after use

**7.2. Conditions for safe storage, including incompatible products**

<b>Technical Measures</b>	store in a cool, well ventilated place, away from heat, flames, sparks or other sources of ignition
<b>Storage conditions</b>	<p>keep only in the original container away from sunlight neighborhoods. Avoid contact with skin and eyes, inhalation of vapours/mists/dusts. Do not use empty containers before they are cleaned. Contaminated clothing must be replaced before entering the dining areas. At work do not eat or drink. Do not smoke. Avoid the accumulation of electrostatic charges.</p> <p>Store at below 50 °C. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.</p> <p>Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.</p> <p>Keep away from food, drink and feed.</p>
<b>Incompatible materials</b>	<p>Keep away from acids.</p> <p>Keep away from water or from damp surroundings.</p> <p>See subsection 10.5</p>
<b>Instructions as regards storage premises:</b>	<p>Cool and adequately ventilated.</p> <p>Safety electric system</p>

**7.3. Specific end use**

None in particular

**Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**
**8.1. Control parameters**

hydrocarbons c7, n-alkanes, isoalkanes, cyclics - CAS: 64742-49-0  
 TLV-ACGIH - Notes: TLV TWA - 400ppm-1639,26 mg/m3 (ACGIH)  
 TLV STEL - 500ppm-2049,08 mg/m3 (ACGIH)  
 propane - CAS: 74-98-6  
 ACGIH  
 propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0  
 ACGIH - TWA(8h): 200 ppm - STEL: 400 ppm  
 ethanol; ethyl alcohol - CAS: 64-17-5  
 ACGIH - STEL: 1000 ppm

**DNEL Exposure Limit Values**

hydrocarbons c7, n-alkanes, isoalkanes, cyclics - CAS: 64742-49-0  
 Worker Professional: 300 mg/kg/d - Exposure: Human Dermal - Frequency: Long Term, systemic effects  
 Worker Professional: 2085 mg/l - Exposure: Human Inhalation - Frequency: Long Term, systemic effects  
 Consumer: 149 mg/kg/d - Exposure: Human Oral - Frequency: Long Term, systemic effects

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

Consumer: 319 mg/kg/d - Exposure: Human Dermal - Frequency: Long Term (repeated)

Consumer: 89 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term (repeated)

Consumer: 26 mg/kg/d - Exposure: Human Oral - Frequency: Long Term (repeated)

Consumer: 888 mg/kg/d - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Consumer: 500 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

**PNEC Exposure Limit Values**

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

Target: Fresh Water - Value: 140.9 mg/l

Target: Marine water - Value: 140.9 mg/l

Target: Freshwater sediments - Value: 552 mg/kg

Target: Marine water sediments - Value: 552 mg/kg

Target: Soil (agricultural) - Value: 28 mg/kg

## **8.2. Measures to control exposure**

<b>Thermal Hazards:</b>	Do not expose to temperatures exceeding 50°C.
<b>Eye / face protection</b>	Eye glasses with side protection. EN 166.
<b>Hand protection</b>	Protect hands with category II work gloves (ref. Directive 89/686 / EEC and standard EN 374). Use PVC or nitrile rubber gloves.
<b>Skin and body protection</b>	Wear work clothes with long sleeves and protective footwear for professional use of category II (ref. Directive 89/686 / CEE and norm EN ISO 20344). Wash with soap and water after removing protective clothing.
<b>Respiratory protection</b>	if the TLV thresholds are exceeded, use a mask with filter type A (against vapors of organic compounds) in accordance with EN 141.
<b>Environmental exposure controls</b>	do not dispose of the product in the environment emissions from production processes, including those from ventilation equipment should be inspected for the purposes of enforcement of environmental protection
<b>Appropriate engineering controls:</b>	None

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### **9.1. Information about basic physical and chemical properties**

Properties	Value
Physical state:	Liquid
Colour:	Colourless
Odour:	sweet of solvent
Melting point/freezing point:	N.A.
Boiling point or initial boiling point and boiling range:	N.A.
Flammability:	Flammable
Lower and upper explosion limit:	N.A.
Flash point:	< 0 °C
Auto-ignition temperature:	N.A.
Decomposition temperature:	N.A.
pH:	N.A.
Kinematic viscosity:	N.A.
Solubility in water:	N.A.
Solubility in oil:	N.A.
Partition coefficient n-octanol/water (log value):	N.A.
Vapour pressure:	5 bar +/- 1 20°C
Density and/or relative density:	0.675 +/- 0.05 kg/l
Relative vapour density:	> 2

Particle characteristics:

Particle size:	N.A.
----------------	------

### **9.2. Other information**

No other relevant information

## Section 10: STABILITY AND REACTIVITY

### **10.1. Reactivity**

avoid contact with strong acids and bases and oxidizing agents

### **10.2. Chemical stability**

Stable under normal conditions

### **10.3. Possible hazardous reactions**

None

### **10.4. Conditions to avoid**

avoid the accumulation of electrostatic charges.  
keep away from heat, sources of ignition



**10.5. Incompatible materials**

oxidizing agents  
acids, alkalis and alkaline metals

**10.6. Hazardous decomposition products**

during combustion it produces irritating gases  
by thermal decomposition can rid COx

**Section 11: TOXICOLOGICAL INFORMATION****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Toxicological information of the product: N/A

Toxicological information of the main substances found in the product:

hydrocarbons c7, n-alkanes, isoalkanes, cyclics - CAS: 64742-49-0

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat > 23300 mg/m3 - Duration: 4h

Test: LD50 - Route: Skin - Species: Rat > 2920 mg/kg

Test: LD50 - Route: Oral - Species: Rat > 5840 mg/kg

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5840 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

ethanol; ethyl alcohol - CAS: 64-17-5

LD50 (RABBIT) ORAL: 6300 MG/KG

LD50 (RAT) ORAL SINGLE DOSE: 7060 MG/KG

If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A.:

- |                                       |  |
|---------------------------------------|--|
| a) acute toxicity;                    | Not classified<br>Based on available data, the classification criteria are not met |
| b) skin corrosion/irritation;         | The product is classified: Skin Irrit. 2 H315                                      |
| c) serious eye damage/irritation;     | Not classified<br>Based on available data, the classification criteria are not met |
| d) respiratory or skin sensitisation; | Not classified<br>Based on available data, the classification criteria are not met |
| e) germ cell mutagenicity;            | Not classified<br>Based on available data, the classification criteria are not met |
| f) carcinogenicity;                   | Not classified<br>Based on available data, the classification criteria are not met |
| g) reproductive toxicity;             | Not classified<br>Based on available data, the classification criteria are not met |
| h) STOT-single exposure;              | The product is classified: STOT SE 3 H336  |
| i) STOT-repeated exposure;            | Not classified<br>Based on available data, the classification criteria are not met |

j) aspiration hazard;

Not classified

Based on available data, the classification criteria are not met

**11.2. Information on other hazards**

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration  $\geq 0.1\%$ **Section 12: ECOLOGICAL INFORMATION****12.1. Toxicity**

Adopt good working practices, so that the product is not released into the environment.

The product is classified: Aquatic Chronic 2 - H411

hydrocarbons c7, n-alkanes, isoalkanes, cyclics - CAS: 64742-49-0

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Fish = 1.5 mg/l - Duration h: 48

Endpoint: LC50 - Species: Daphnia = 4 mg/l - Duration h: 24

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia &gt; 100 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae &gt; 100 mg/l - Duration h: 72

Endpoint: EC50 - Species: Fish &gt; 100 mg/l - Duration h: 48

**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulation potential**

No information available.

**12.4. Mobility in the soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

vPvB Substances: None

PBT Substances: None

**12.6 Endocrine disrupting properties**No endocrine disrupting substances present in concentration  $\geq 0.1\%$ **12.7. Other adverse effects**

none

### Section 13: DISPOSAL INSTRUCTIONS

#### 13.1. Waste treatment methods

<b>Waste from residues / unused products</b>	Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.
<b>Contaminated packaging</b>	contaminated packaging should be sent for recovery or disposal in compliance with national regulations on waste management reuse if possible. Product residues are to be considered hazardous waste. disposal must be entrusted to authorised waste management, in compliance with national and, where appropriate, local.

### Section 14: INFORMATION REGARDING TRANSPORT

<b>14.1 UN / ID No</b>	ADR-UN number: 1950 IATA-Un number: 1950 IMDG-Un number: 1950
<b>14.2 UN Proper shipping name</b>	ADR-Shipping name: AEROSOLS INFIAMMABILI IATA-Technical name: FLAMMABLE AEROSOL IMDG-Technical name: FLAMMABLE AEROSOL
<b>14.3 Transport Hazards class</b>	ADR-Class: 2 IATA-Class: 2 IMDG-Class: 2
<b>14.4 Packing group</b>	ADR-Packing Group: N.A IATA-Packing group: N.A IMDG-Packing group: N.A
<b>14.5 Environmental hazards</b>	
<b>Marine pollution</b>	Marine pollutant
<b>14.6 Special precautions for user</b>	ADR-Transport category (Tunnel restriction code): D  IMDG-Technical name: FLAMMABLE AEROSOL
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	Product is not allowed to be transported in bulk.

### Section 15: REGULATION

#### 15.1. Specific safety, health and environmental regulations and legislation for the substance or mixture

Dir. 98/24/EC (Risks related to chemical agents at work)  
 Dir. 2000/39/EC (Occupational exposure limit values)  
 Regulation (EC) n. 1907/2006 (REACH)  
 Regulation (EC) n. 1272/2008 (CLP)  
 Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013  
 Regulation (EU) n. 2020/878  
 Regulation (EU) n. 286/2011 (ATP 2 CLP)  
 Regulation (EU) n. 618/2012 (ATP 3 CLP)  
 Regulation (EU) n. 487/2013 (ATP 4 CLP)  
 Regulation (EU) n. 944/2013 (ATP 5 CLP)  
 Regulation (EU) n. 605/2014 (ATP 6 CLP)

Regulation (EU) n. 2015/1221 (ATP 7 CLP)  
 Regulation (EU) n. 2016/918 (ATP 8 CLP)  
 Regulation (EU) n. 2016/1179 (ATP 9 CLP)  
 Regulation (EU) n. 2017/776 (ATP 10 CLP)  
 Regulation (EU) n. 2018/669 (ATP 11 CLP)  
 Regulation (EU) n. 2018/1480 (ATP 13 CLP)  
 Regulation (EU) n. 2019/521 (ATP 12 CLP)  
 Regulation (EU) n. 2020/217 (ATP 14 CLP)  
 Regulation (EU) n. 2020/1182 (ATP 15 CLP)  
 Regulation (EU) n. 2021/643 (ATP 16 CLP)

**Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:** None

Where applicable, refer to the following regulatory provisions : Directive 2012/18/EU (Seveso III)  
 Regulation (EC) nr 648/2004 (detergents).  
 Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III): Seveso III category according to Annex 1, part 1  
 Product belongs to category: P3a, E2

### **15.2. Chemical safety assessment**

No Chemical Safety Assessment has been carried out for the mixture.

## **Section 16: OTHER INFORMATION**

### **An explanatory list of abbreviations and acronyms used in the safety data sheet**

Text of phrases referred to under heading 3:

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H411 Toxic to aquatic life with long lasting effects.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

H220 Extremely flammable gas.

H280 Contains gas under pressure; may explode if heated.

H319 Causes serious eye irritation.

Hazard class and hazard category	Code	Description
Flam. Gas 1	2.2/1	Flammable gas, Category 1
Aerosols 1	2.3/1	Aerosol, Category 1
Press. Gas	2.5	Gases under pressure
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

<b>Classification according to Regulation (EC) Nr. 1272/2008</b>	<b>Classification procedure</b>
Aerosols 1, H222+H229	On basis of test data
Skin Irrit. 2, H315	Calculation method
STOT SE 3, H336	Calculation method
Aquatic Chronic 2, H411	Calculation method

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,  
Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute Toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.

**Date of issue** 2023-08-31

**Revision date** 2023-08-31

**Reason for revision:** Not applicable.

**This safety data sheet is in accordance with the requirements of Regulation (EC) 1907/2006, 1272/2008 and regulation (EU) No 2020/878.**

**Disclaimer**

The information in this SDS is prepared to the best of our ability and reflects the state of knowledge at the time of publication. The data is presented as a guideline for the safe handling, use, storage, transport, and disposal of the substance, and cannot be regarded as a guarantee certificate or quality specification. The information given relates to the substance as such and may no longer be valid when the substance is used together with other substances or in processes.

**End of the safety data sheet**

Intronics BV  
W.A. Terlouw, QA-compliance officer



.....  
Signature