

**SAFETY DATA SHEET**

According to REACH Regulation (EC) No  
1907/2006, as amended by UK REACH  
Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

**LD9, AERO (400 ml) EASTERN**

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

---

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name : LD9, AERO (400 ml) EASTERN

Product code : 00000000050595953

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

Use of the : Developer  
Substance/Mixture

Recommended restrictions : Uses other than recommended  
on use

**1.3 Details of the supplier of the safety data sheet****Company:**

Chemetall Ltd.  
Napier House, Auckland Park  
MK1 1BU Bletchley, Milton Keynes  
Great Britain

## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

## LD9, AERO (400 ml) EASTERN

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

---

+44 1908 649333  
sds.global-chemetall@basf.com

---

Telephone: +44 1908 649333  
E-mail address: sds.global-chemetall@basf.com

---

### 1.4 Emergency telephone

International emergency number:  
Telephone: +49 180 2273-112

---

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Aerosols, Category 1

H222: Extremely flammable aerosol.

H229: Pressurised container: May burst if heated.

Eye irritation, Category 2

H319: Causes serious eye irritation.

## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

**expect more<sup>+</sup>**

## LD9, AERO (400 ml) EASTERN

Version Revision Date: SDS Number: Date of last issue: 18.02.2025  
3.0 13.04.2025 00000000050595 Date of first issue: 25.07.2022  
953

Specific target organ toxicity - single exposure, Category 3, Central nervous system H336: May cause drowsiness or dizziness.

## 2.2 Label elements

Labeling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Hazard pictograms :  

Signal Word : Danger

Hazard Statements	:	H222	Extremely flammable aerosol.
		H229	Pressurised container: May burst if heated.
		H319	Causes serious eye irritation.
		H336	May cause drowsiness or dizziness.

## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

## LD9, AERO (400 ml) EASTERN

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

---

### Precautionary Statements

**Prevention:**

- 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.
- P261 Avoid breathing mist.
- P280 Wear eye protection/ face protection.

**Storage:**

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

Hazardous ingredients which must be listed on the label:

propan-2-ol

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

**expect more<sup>®</sup>**

## LD9, AERO (400 ml) EASTERN

Version Revision Date: SDS Number: Date of last issue: 18.02.2025  
3.0 13.04.2025 00000000050595 Date of first issue: 25.07.2022  
953

Container is under pressure. Protect from sun and temperatures above 50 °C. Do not open with force or incinerate even after use. Do not spray into flames or onto glowing objects.

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

## 3.2 Mixtures

## Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentratio n (% w/w)
propan-2-ol	67-63-0 200-661-7	Flam. Liq. 2; H225 Eye Irrit. 2; H319	>= 25 - < 50

## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

**expect more<sup>+</sup>**

## LD9, AERO (400 ml) EASTERN

Version Revision Date: SDS Number: Date of last issue: 18.02.2025  
3.0 13.04.2025 00000000050595 Date of first issue: 25.07.2022  
953

	603-117-00-0  UK-20- 9702550300-0- 0000  UK-20- 0537843089-5- 0000  UK-20- 9642318150-0- 0000	STOT SE 3; H336  (Central nervous system)	
Substances with a workplace exposure limit :			
butane	106-97-8  203-448-7  UK-20- 9702550300-0- 0000  UK-20- 0537843089-5-	Flam. Gas 1A; H220  Press. Gas Liquefied gas; H280	>= 25 - < 50

**SAFETY DATA SHEET**

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

**LD9, AERO (400 ml) EASTERN**

Version      Revision Date:      SDS Number:      Date of last issue: 18.02.2025  
3.0            13.04.2025            000000000050595            Date of first issue: 25.07.2022  
    953

---

	0000		
talc	14807-96-6  238-877-9  UK-20- 9702550300-0- 0000  UK-20- 0537843089-5- 0000		>= 7 - < 10

For explanation of abbreviations see section 16.

**SECTION 4: First aid measures****4.1 Description of first-aid measures**

General advice : First aid personnel should pay attention to their own safety.  
If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position).

## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

## LD9, AERO (400 ml) EASTERN

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

Immediately remove contaminated clothing.  
In all cases of doubt, or when symptoms persist, seek medical attention.  
Move out of dangerous area.  
Never give anything by mouth to an unconscious person.

If inhaled : If symptoms persist, call a physician.  
If breathed in, move person into fresh air.  
If breathing is irregular or stopped, administer artificial respiration.

In case of skin contact : If symptoms persist, call a physician.  
Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.  
Do NOT use solvents or thinners.

In case of eye contact : Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an

## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

## LD9, AERO (400 ml) EASTERN

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

eye specialist.

Call a physician immediately.

If easy to do, remove contact lens, if worn.

If swallowed : If symptoms persist, call a physician.

Do NOT induce vomiting.

Rinse mouth.

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

Symptoms : Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.

Risks : Causes serious eye irritation.

May cause drowsiness or dizziness.

## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

**expect more<sup>+</sup>**

## LD9, AERO (400 ml) EASTERN

Version Revision Date: SDS Number: Date of last issue: 18.02.2025  
3.0 13.04.2025 00000000050595 Date of first issue: 25.07.2022  
953

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

Treatment : No known specific antidote.  
Treat symptomatically.

## **SECTION 5: Firefighting measures**

## 5.1 Extinguishing media

Suitable extinguishing media	: Water spray jet
	Dry powder
	Alcohol-resistant foam
	Carbon dioxide (CO2)

Unsuitable extinguishing media : High volume water jet

## 5.2 Special hazards arising from the substance or mixture

Specific hazards during fire : Cool containers exposed to fire with water.

## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

## LD9, AERO (400 ml) EASTERN

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

---

fighting

Decomposition, pressure build-up and bursting of containers may occur.

Hazardous combustion products

: Carbon oxides

### 5.3 Advice for firefighters

Special protective equipment for fire-fighters : Appropriate breathing apparatus may be required.

Further information

: In the event of fire, cool tanks with water spray.

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

## LD9, AERO (400 ml) EASTERN

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

---

### SECTION 6: Accidental release measures

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

Personal precautions : Avoid breathing vapours.

Keep away from sources of ignition.

Advice on product handling can be found in sections 7 and 8 of this safety data sheet.

For non-emergency personnel:

For emergency responders:

Use personal protective equipment.

Ensure adequate ventilation, especially in confined areas.

#### 6.2 Environmental precautions

Environmental precautions : Do not allow uncontrolled discharge of product into the environment.

Avoid subsoil penetration.

If the product contaminates rivers and lakes or drains

## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

## LD9, AERO (400 ml) EASTERN

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

---

inform respective authorities.

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

Methods for cleaning up : Ensure adequate ventilation.

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

### 6.4 Reference to other sections

For disposal considerations see section 13.

---

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Provide good ventilation of working area (local exhaust ventilation if necessary).

Do not return residues to the storage containers.

## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

## LD9, AERO (400 ml) EASTERN

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

---

Handle with care - avoid bumps, friction and impact.

Smoking, eating and drinking are forbidden in application area. For personal protection see section 8. Comply with the health and safety at work laws.

The workplace should be equipped with an emergency shower and eye-rinsing facility.

Avoid contact with the skin, eyes and clothing.

Handle in accordance with good industrial hygiene and safety practice.

Advice on protection against fire and explosion : Avoid all sources of ignition: heat, sparks, open flame. Product may charge electrostatically: always use earthing leads when transferring from one container to another and earth containers. It is recommended that operators should wear antistatic clothing and footwear. The relevant fire protection measures should be noted. Use explosion-proof equipment. Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air.

**SAFETY DATA SHEET**

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

**LD9, AERO (400 ml) EASTERN**

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

---

Hygiene measures : Remove contaminated clothing immediately and dispose of safely. Wash hands before breaks and at the end of workday. Keep away from food, drink and animal feedingstuffs.

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

Further information on storage conditions : Avoid direct sunlight. Close containers carefully once opened and store them upright in order to prevent any leakage. No smoking. No admission for unauthorised personnel. Always keep in containers of same material as the original one. Observe label precautions. Keep in a dry, cool and well-ventilated place.

Advice on common storage : Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Storage period : 60 Months

# SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

**expect more<sup>®</sup>**

## LD9, AERO (400 ml) EASTERN

Version Revision Date: SDS Number: Date of last issue: 18.02.2025  
3.0 13.04.2025 00000000050595 Date of first issue: 25.07.2022  
953

Recommended storage temperature : < 50.00 °C

Packaging material : Suitable material: Paper/Fibreboard, tinned carbon steel (Tinplate), Low density polyethylene (LDPE)

Suitable material: Carbon steel (Iron), tinned carbon steel (Tinplate)

### 7.3 Specific end use(s)

Specific use(s) : Please refer to the technical leaflet for further information.

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

## 8.1 Control parameters

## Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
------------	---------	-------------------------------------	--------------------	-------

## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

**expect more<sup>+</sup>**

## LD9, AERO (400 ml) EASTERN

Version Revision Date: SDS Number: Date of last issue: 18.02.2025  
3.0 13.04.2025 00000000050595 Date of first issue: 25.07.2022  
953

propan-2-ol	67-63-0	STEL	500 ppm 1,250 mg/m <sup>3</sup>	GB EH40
		TWA	400 ppm 999 mg/m <sup>3</sup>	GB EH40
butane	106-97-8	TWA	600 ppm 1,450 mg/m <sup>3</sup>	GB EH40
	Further information: Capable of causing cancer and/or heritable genetic damage.			
		STEL	750 ppm 1,810 mg/m <sup>3</sup>	GB EH40
	Further information: Capable of causing cancer and/or heritable genetic damage.			
talc	14807-96-6	TWA (Respirable dust)	1 mg/m <sup>3</sup>	GB EH40

## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

## LD9, AERO (400 ml) EASTERN

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

---

### 8.2 Exposure controls

#### Engineering measures

Ensure adequate ventilation.

#### Personal protective equipment

Eye/face protection : Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

Hand protection

Remarks	: The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. nitrile rubber (NBR) - 0.4 mm coating thickness butyl rubber (butyl) - 0.7 mm coating thickness Performance level 6, corresponding to a breakthrough time of >480 min according to EN ISO 374-1 The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties). Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Preventive skin protection
---------	---

**SAFETY DATA SHEET**

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

**LD9, AERO (400 ml) EASTERN**

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

---

Skin and body protection : Chemical resistant protective clothing according to DIN EN 13034 (Type 6)

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Filter type : Combined particulates, organic gas and low boiling vapor type (AX-P)

Protective measures : Eye wash fountains and safety showers must be easily accessible.

If these are not sufficient to maintain concentrations at the workplace below the occupational exposure limits, appropriate certified respirators must be worn.

Avoid contact with the skin, eyes and clothing.

Handle in accordance with good industrial hygiene and safety practice.

---

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

## LD9, AERO (400 ml) EASTERN

Version Revision Date: SDS Number: Date of last issue: 18.02.2025  
3.0 13.04.2025 00000000050595 Date of first issue: 25.07.2022  
953

Appearance	:	under pressure
Color	:	light gray
Odor	:	No data available
Odor Threshold	:	not determined
pH	:	substance/mixture is a gas
Melting point/ range	:	Study technically not feasible.
Boiling point/boiling range	:	Study technically not feasible.
Flash point	:	-60 °C Method: ISO 3679 Flash point is only valid for liquid portion in the aerosol can.
Evaporation rate	:	not determined
Flammability (solid, gas)	:	Extremely flammable aerosol.
Lower explosion limit / Lower flammability limit	:	> 35.0 g/m <sup>3</sup>
Vapor pressure	:	not determined (20 °C)  not determined (50 °C)
Density	:	0.880 g/cm <sup>3</sup> (20 °C)

## LD9, AERO (400 ml) EASTERN

Version Revision Date: SDS Number: Date of last issue: 18.02.2025  
3.0 13.04.2025 00000000050595 Date of first issue: 25.07.2022  
953

## Solubility(ies)

Water solubility	: not determined
Partition coefficient: n-octanol/water	: not applicable for mixtures
Autoignition temperature	: > 200 °C
Decomposition temperature	: No decomposition if stored prescribed/indicated.

## Viscosity

Viscosity, kinematic : not determined (23 °C)

Flow time : Not applicable

Explosive properties : Not explosive

Oxidizing properties : The substance or mixture is not classified as oxidizing.

## 9.2 Other information

Other information: The substance or mixture is not classified as self heating.

Metal corrosion rate : Not corrosive to metals.

Particle size : No data available

## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

## LD9, AERO (400 ml) EASTERN

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

---

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : Risk of bursting.

Vapors may form explosive mixture with air.

### 10.4 Conditions to avoid

Conditions to avoid : Avoid direct sunlight.

Heat, flames and sparks.

### 10.5 Incompatible materials

Materials to avoid : Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

## LD9, AERO (400 ml) EASTERN

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

---

### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

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

#### Skin corrosion/irritation

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

#### Serious eye damage/eye irritation

Causes serious eye irritation.

#### Respiratory or skin sensitization

#### Skin sensitization

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

#### Respiratory sensitization

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

#### 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.

#### STOT-single exposure

May cause drowsiness or dizziness.

## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

## LD9, AERO (400 ml) EASTERN

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

### STOT-repeated exposure

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

### Aspiration toxicity

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

## SECTION 12: Ecological information

### 12.1 Toxicity

No data available

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

#### Components:

##### propan-2-ol:

Partition coefficient: n-octanol/water : log Pow: 0.05 (25 °C)

Remarks: Information taken from reference works and the literature.

##### butane:

Partition coefficient: n-octanol/water : log Pow: 2.31 (20 °C)  
pH: 7

## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

## LD9, AERO (400 ml) EASTERN

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

### **talc:**

Partition coefficient: n-octanol/water : log Pow: -9.4 (25 °C)  
pH: 7  
GLP: no

### **12.4 Mobility in soil**

No data available

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

#### **Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### **12.6 Other adverse effects**

#### **Product:**

Endocrine disrupting : This substance/mixture does not contain components

## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

## LD9, AERO (400 ml) EASTERN

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

---

potential considered to have endocrine disrupting properties for environment according to UK REACH Article 57(f).

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Do not discharge into drains/surface waters/groundwater.  
Observe national and local legal requirements.

Contaminated packaging : Containers which are not properly emptied must be disposed pursuant to Directive 2008/98/EC  
Packaging that is not properly emptied must be disposed of as the unused product.

## SECTION 14: Transport information

### 14.1 UN number

**SAFETY DATA SHEET**

According to REACH Regulation (EC) No  
1907/2006, as amended by UK REACH  
Regulations SI 2019/758



We create chemistry

**Chemetall***expect more* +**LD9, AERO (400 ml) EASTERN**

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

---

**ADN** : UN 1950

**ADR** : UN 1950

**RID** : UN 1950

**IMDG** : UN 1950

**IATA** : UN 1950

**14.2 UN proper shipping name**

**ADN** : AEROSOLS

**ADR** : AEROSOLS

**RID** : AEROSOLS

**IMDG** : AEROSOLS

**IATA** : AEROSOLS

**14.3 Transport hazard class(es)**

Class	Subsidiary risks
-------	------------------

**SAFETY DATA SHEET**

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

**LD9, AERO (400 ml) EASTERN**

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

---

**ADN** : 2 2.1

**ADR** : 2 2.1

**RID** : 2 2.1

**IMDG** : 2.1

**IATA** : 2.1

**14.4 Packing group****ADN**

Packing group : Not assigned by regulation

Classification Code : 5F

Labels : 2.1

**ADR**

Packing group : Not assigned by regulation

Classification Code : 5F

Labels : 2.1

**SAFETY DATA SHEET**

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

**LD9, AERO (400 ml) EASTERN**

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

---

Tunnel restriction code : (D)

**RID**

Packing group : Not assigned by regulation

Classification Code : 5F

Hazard Identification Number : 23

Labels : 2.1

**IMDG**

Packing group : Not assigned by regulation

Labels : 2.1

EmS Code : F-D, S-U

**IATA (Cargo)**

Packing instruction (cargo aircraft) : 203

Packing instruction (LQ) : Y203

**SAFETY DATA SHEET**

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

**LD9, AERO (400 ml) EASTERN**

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

---

Packing group : Not assigned by regulation

Labels : Flammable Gas

**IATA (Passenger)**

Packing instruction : 203  
(passenger aircraft)

Packing instruction (LQ) : Y203

Packing group : Not assigned by regulation

Labels : Flammable gas

**14.5 Environmental hazards****ADN**

Environmentally : no  
hazardous

**ADR**

Environmentally : no  
hazardous

## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

## LD9, AERO (400 ml) EASTERN

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

### RID

Environmentally : no  
hazardous

### IMDG

Marine pollutant : no

### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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

Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17) : Not applicable

UK REACH Candidate list of substances of very high : Not applicable

## LD9, AERO (400 ml) EASTERN

Version Revision Date: SDS Number: Date of last issue: 18.02.2025  
3.0 13.04.2025 00000000050595 Date of first issue: 25.07.2022  
953

## concern (SVHC) for Authorisation

The Persistent Organic Pollutants Regulations : Not applicable  
(retained Regulation (EU) 2019/1021 as amended  
for Great Britain)

Regulation (EC) on substances that deplete the ozone layer : Not applicable

UK REACH List of substances subject to authorisation (Annex XIV) : Not applicable

Control of Major Accident Hazards P3a FLAMMABLE AEROSOLS  
Regulations 2015 (COMAH)

18 Liquefied flammable gases  
(including LPG) and natural gas

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)

Volatile organic compounds (VOC) content: 91 %

## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

## LD9, AERO (400 ml) EASTERN

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

Volatile organic compounds (VOC) content: 800.80 g/l

VOC content excluding water

### Other regulations:

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

### 15.2 Chemical Safety Assessment

Assessment of safe use has been performed for the mixture and the result is documented in section 7 and 8 of the SDS

---

## SECTION 16: Other information

### Full text of H-Statements

H220	: Extremely flammable gas.
H225	: Highly flammable liquid and vapor.
H280	: Contains gas under pressure; may explode if heated.
H319	: Causes serious eye irritation.
H336	: May cause drowsiness or dizziness.

## SAFETY DATA SHEET

According to REACH Regulation (EC) No  
1907/2006, as amended by UK REACH  
Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

## LD9, AERO (400 ml) EASTERN

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

---

### Full text of other abbreviations

Eye Irrit.	: Eye irritation
Flam. Gas	: Flammable gases
Flam. Liq.	: Flammable liquids
Press. Gas	: Gases under pressure
STOT SE	: Specific target organ toxicity - single exposure
GB EH40	: UK. EH40 WEL - Workplace Exposure Limits
GB EH40 / TWA	: Long-term exposure limit (8-hour TWA reference period)
GB EH40 / STEL	: Short-term exposure limit (15-minute reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT -

**SAFETY DATA SHEET**

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

**LD9, AERO (400 ml) EASTERN**

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

---

Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

**Further information**

Other information : For multi-pack systems observe material safety data sheets of all components.  
Restricted to professional users.

**Classification of the mixture:**

Aerosol 1	H222, H229
Eye Irrit. 2	H319
STOT SE 3	H336

**Classification procedure:**

Based on product data or assessment
Calculation method
Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**SAFETY DATA SHEET**

According to REACH Regulation (EC) No  
1907/2006, as amended by UK REACH  
Regulations SI 2019/758



We create chemistry

**Chemetall**

expect more<sup>+</sup>

**LD9, AERO (400 ml) EASTERN**

Version	Revision Date:	SDS Number:	Date of last issue: 18.02.2025
3.0	13.04.2025	00000000050595	Date of first issue: 25.07.2022
		953	

---

GB / EN