

Safety Data Sheet

MC-115

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1. Identification

Product identifier used on the label

MC-115

Recommended use of the chemical and restriction on use

Recommended use*: Primer

Unsuitable for use: Uses other than recommended

* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:

Chemetall S.A.
Paseo de la Ribera, 107
08420, Canovelles
SPAIN

Contact address:

Chemetall U.S., Inc.
675 Central Avenue
New Providence, NJ 07974 – USA
Telephone: +1 800 526-4473
E-mail address: sds.na-
chemetall@basf.com

Emergency telephone number

CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP (4357)

Other means of identification

Chemical family: organic, solvent(s)

2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Classification of the product

Eye Dam./Irrit.	1	Serious eye damage/eye irritation
STOT SE	3 (Vapours may cause drowsiness and dizziness.)	Specific target organ toxicity — single exposure
Flam. Liq.	3	Flammable liquids
Repr.	1 (unborn child)	Reproductive toxicity

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Label elements

Pictogram:



Signal Word:

Danger

Hazard Statement:

H318	Causes serious eye damage.
H226	Flammable liquid and vapour.
H336	May cause drowsiness or dizziness.
H360	May damage the unborn child.

Precautionary Statements (Prevention):

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves, protective clothing and eye protection or face protection.
P201	Obtain special instructions before use.
P242	Use only non-sparking tools.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P243	Take action to prevent static discharges.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P202	Do not handle until all safety precautions have been read and understood.
P261	Avoid breathing mist or vapour or spray.
P261	Avoid breathing dust or fume.

Precautionary Statements (Response):

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P370 + P378	In case of fire: Use water spray for extinction.
P310	Immediately call a POISON CENTER or physician.
P303 + P361 + P353	IF ON SKIN (or hair): Remove or Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308 + P313	IF exposed or concerned: Get medical attention.

Precautionary Statements (Storage):

P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P403 + P235	Store in a well-ventilated place. Keep cool.

Precautionary Statements (Disposal):

P501	Dispose of contents and container to hazardous or special waste collection point.
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Hazards not otherwise classified

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The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria. If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

3. Composition / Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

2-Propanol

CAS Number: 67-63-0

Content (W/W): $\geq 1.0 - < 3.0\%$

Synonym: Isopropyl alcohol

Isobutanol

CAS Number: 78-83-1

Content (W/W): $\geq 7.0 - < 10.0\%$

Synonym: Isobutyl alcohol

1-methoxypropan-2-ol

CAS Number: 107-98-2

Content (W/W): $\geq 50.0 - < 75.0\%$

Synonym: 1-Methoxy-2-propanol; Propylene glycol monomethyl ether

5-Methylhexan-2-one

CAS Number: 110-12-3

Content (W/W): $\geq 3.0 - < 5.0\%$

Synonym: No data available.

Titanium tetraisopropanolate

CAS Number: 546-68-9

Content (W/W): $\geq 5.0 - < 7.0\%$

Synonym: No data available.

2-methoxypropanol

CAS Number: 1589-47-5

Content (W/W): $\geq 0.2 - < 0.3\%$

Synonym: No data available.

4. First-Aid Measures

Description of first aid measures

General advice:

First aid personnel should pay attention to their own safety. Remove affected person from danger area. Immediately remove contaminated clothing. In case of intoxication, call a poison control center or physician for treatment advice, taking the packaging or the label of the product.

If inhaled:

Remove the affected individual into fresh air and keep the person calm. If symptoms persist, seek medical advice.

If on skin:

Wash affected areas thoroughly with soap and water. If symptoms persist, seek medical advice.

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If in eyes:

Rinse immediately with plenty of water, also under the eyelids, for at least 30 minutes. Seek medical attention. Remove contact lenses, if present.

If swallowed:

Rinse mouth immediately with water. Do not induce vomiting. Seek medical attention.

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.

Information on: 1-methoxypropan-2-ol

Symptoms: Overexposure may cause:, lacrimation

Indication of any immediate medical attention and special treatment needed

Note to physician

Antidote: No known specific antidote.

Treatment: Symptomatic treatment (decontamination, vital functions).

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:

carbon dioxide, alcohol-resistant foam, dry powder, water spray

Unsuitable extinguishing media for safety reasons:

water jet

Special hazards arising from the substance or mixture

Hazards during fire-fighting:

Fire will produce dense black smoke. Inhalation of dangerous decomposition products may cause serious damage to health.

Advice for fire-fighters

Protective equipment for fire-fighting:

Appropriate breathing apparatus may be required.

Further information:

Cool closed containers in the vicinity of the source of fire. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Avoid breathing vapours. Keep away from sources of ignition. Ensure adequate ventilation. Advice on product handling can be found in sections 7 and 8 of this safety data sheet.

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Environmental precautions

Do not allow to enter drains or waterways. Do not discharge into the subsoil/soil. If the product enters drains or sewers, the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the Environment Agency.

Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal according with the waste regulations (see section 13). Clean preferably with a detergent; avoid the use of solvents. Ensure adequate ventilation.

7. Handling and Storage

Precautions for safe handling

Do not return residues to the storage containers. Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid inhalation of vapour and spray mist. The workplace should be equipped with an emergency shower and eye-rinsing facility. Avoid contact with the skin, eyes and clothing. Keep away from food, drink and animal feeding stuffs. Warn users about safety measures and precautions to prevent accidents.

Protection against fire and explosion:

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Vapours may form explosive mixture with air. The relevant fire protection measures should be noted. Use explosion-proof equipment.

Conditions for safe storage, including any incompatibilities

Suitable materials for containers: High density polyethylene (HDPE), Low density polyethylene (LDPE), Polyethyleneterephthalate (PET), Polypropylene (PP), Carbon steel (Iron), tinned carbon steel (Tinplate), Aluminium, Stove-lacquer R 78433, Stove-lacquer EHD0022

Further information on storage conditions: The entrance to storage rooms is to be granted only to appropriately trained personnel. Keep only in the original container. Keep container tightly closed in a cool, well-ventilated place. Avoid direct sunlight. Avoid all sources of ignition: heat, sparks, open flame.

Storage stability:

Storage temperature: < 26 °C

Storage duration: 36 Months

8. Exposure Controls/Personal Protection

Components with occupational exposure limits

2-Propanol	OSHA PEL	PEL 400 ppm 980 mg/m ³ ; STEL value 500 ppm 1,225 mg/m ³ ; TWA value 400 ppm 980 mg/m ³ ;
	ACGIH TLV	STEL value 400 ppm ; TWA value 200 ppm ;
Isobutanol	OSHA PEL	PEL 100 ppm 300 mg/m ³ ; TWA value 50 ppm 150 mg/m ³ ;
	ACGIH TLV	TWA value 50 ppm ;
1-methoxypropan-2-ol	ACGIH TLV	TWA value 50 ppm ; STEL value 100 ppm ;

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5-Methylhexan-2-one	OSHA PEL	PEL 100 ppm 475 mg/m ³ ; TWA value 50 ppm 240 mg/m ³ ;
	ACGIH TLV	STEL value 50 ppm ; TWA value 20 ppm ;

Advice on system design:

Use only in well-ventilated areas.

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate.

Hand protection:

nitrile rubber (Buna N), Wear protective gloves of neoprene., Use suitable protective gloves made of nitrile rubber or butyl rubber. Please observe the glove manufacturer's instructions on permeability and rupture times as well as the specific workplace conditions., Chemical resistant protective gloves (EN 374), Further information on penetration time is available from the manufacturer of the glove., The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties).

Eye protection:

Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

Body protection:

Chemical resistant protective clothing according to DIN EN 13034 (Type 6)

General safety and hygiene measures:

Do not breathe vapour/spray. Eye wash fountains and safety showers must be easily accessible. Avoid contact with the skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. Remove contaminated clothing immediately and dispose of safely. Hands and/or face should be washed before breaks and at the end of the shift. Keep separated from food stuffs and feed stocks.

9. Physical and Chemical Properties

Form:	liquid
Odour:	No data available.
Odour threshold:	No applicable information available.
Colour:	red
pH value:	not applicable
Melting point:	not determined
Freezing point:	not determined
Boiling range:	not determined
Boiling point:	85 °C
Sublimation point:	No applicable information available.
Flash point:	> 30 °C
Flammability:	Flammable liquid and vapour.
Lower explosion limit:	not determined
Upper explosion limit:	No applicable information available.
Autoignition:	not determined
Vapour pressure:	(20 °C) not determined
Density:	0.910 g/cm ³ (20 °C)
Relative density:	No applicable information available.

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Vapour density:	No applicable information available.
Partitioning coefficient n-octanol/water (log Pow):	No applicable information available.
Viscosity, dynamic:	17 mPa.s (< 20 °C) Brookfield
Viscosity, kinematic:	6.0 mm2/s (20 °C)
Solubility in water:	No applicable information available.
Miscibility with water:	immiscible
Solubility (quantitative):	No applicable information available.
Solubility (qualitative):	No applicable information available.
Molar mass:	No applicable information available.
Evaporation rate:	No applicable information available.

10. Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties:
not fire-propagating

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

Vapours may form explosive mixture with air.

Conditions to avoid

Avoid all sources of ignition: heat, sparks, open flame. Avoid direct sunlight. Avoid prolonged exposure to extreme heat.

Incompatible materials

strong oxidizing agents

Hazardous decomposition products

Decomposition products:

When exposed to high temperatures hazardous decomposition products such as carbon monoxide, carbon dioxide, smoke, oxides of nitrogen may be produced., No hazardous decomposition products if stored and handled as prescribed/indicated.

11. Toxicological information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Assessment other acute effects

Assessment of STOT single:

Possible narcotic effects (drowsiness or dizziness).

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Irritation / corrosion

Assessment of irritating effects: May cause severe damage to the eyes.

Chronic Toxicity/Effects

Teratogenicity

Assessment of teratogenicity: Indications of possible developmental toxicity/teratogenicity were seen in animal studies. The product has not been tested. The statement has been derived from the properties of the individual components.

12. Ecological Information

Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:

There are no test results available for this product. Do not allow to enter drains or waterways.

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

Persistence and degradability

Assessment biodegradation and elimination (H₂O)

No data available concerning biodegradation and elimination.

Bioaccumulative potential

Bioaccumulation potential

No data available.

Mobility in soil

Assessment transport between environmental compartments

No data available.

Additional information

Other ecotoxicological advice:

Do not allow to enter drains or waterways. The product should not be allowed to reach either ground or open waters.

13. Disposal considerations

Waste disposal of substance:

Observe national and local legal requirements.

Container disposal:

Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

14. Transport Information

Land transport

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USDOT

Hazard class: 3
Packing group: III
ID number: UN 3092
Hazard label: 3
Proper shipping name: 1-METHOXY-2-PROPANOL

Sea transport

IMDG

Hazard class: 3
Packing group: III
ID number: UN 3092
Hazard label: 3
Marine pollutant: NO
Proper shipping name: 1-METHOXY-2-PROPANOL

Air transport

IATA/ICAO

Hazard class: 3
Packing group: III
ID number: UN 3092
Hazard label: 3
Proper shipping name: 1-METHOXY-2-PROPANOL

15. Regulatory Information

Federal Regulations

Registration status:

Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories): Refer to SDS section 2 for GHS hazard classes applicable for this product.

EPCRA 313:

CAS Number

67-63-0

Chemical name

2-Propanol

CERCLA RQ

100 LBS

CAS Number

67-63-0; 107-98-2

Chemical name

2-Propanol; 1-methoxypropan-2-ol

State regulations

State RTK

NJ

CAS Number

67-63-0

78-83-1

107-98-2

110-12-3

Chemical name

2-Propanol

Isobutanol

1-methoxypropan-2-ol

5-Methylhexan-2-one

PA

67-63-0

78-83-1

107-98-2

110-12-3

2-Propanol

Isobutanol

1-methoxypropan-2-ol

5-Methylhexan-2-one

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NFPA Hazard codes:

Health: 3 Fire: 3 Reactivity: 1 Special:

HMIS III rating

Health: 3^a Flammability: 3 Physical hazard: 1

16. Other Information

SDS Prepared by:

Chemetall (now part of BASF Group) NA Product Regulations

SDS Prepared on: 2020/08/11

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

END OF DATA SHEET