



## LCW013 CATALIZZATORE per prod. all'acqua - Catalyst for WB products

Safety Data Sheet dated 5/28/2019, version 1

### 1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: CATALIZZATORE per prod. all'acqua - Catalyst for WB products

Other means of identification:

Trade code: LCW013

Recommended use of the chemical and restrictions on use

Recommended use:

Industrial and professional uses (SU3 - SU22)  
Catalyst for paints and varnishes

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Company:

NUOVA S.I.V.A.M. SpA - Via Monviso, 10 - 20010 BAREGGIO (MI) - Tel. +39 02 90304.1

Importer:

Quincaillerie Richelieu Ltée/Richelieu Hardware Ltd.

7900 Henri-Bourassa Blvd. W.

Montreal, Quebec, Canada, H4S 1V4

Tel:+1-860-529-7704

Distributor:

Quincaillerie Richelieu Ltée/Richelieu Hardware Ltd.

7900 Henri-Bourassa Blvd. W.

Montreal, Quebec, Canada, H4S 1V4

Tel:+1-860-529-7704

Competent person responsible for the safety data sheet:

msds@sivam.it

Emergency phone number

NUOVA S.I.V.A.M. SpA - Tel. +39 02 90304.1 (Monday - Friday 8.00 - 15.00)

Poison Centre - Ospedale di Niguarda - Milan - Tel. +39 02 66101029 (24 h)

### 2. HAZARD(S) IDENTIFICATION

Classification of the chemical

- ⚠ Warning, Flam. Liq. 3, Flammable liquid and vapour.
- ⚠ Warning, Acute Tox. 4, Harmful if inhaled.
- ⚠ Warning, Skin Sens. 1, May cause an allergic skin reaction.
- ⚠ Warning, STOT SE 3, May cause respiratory irritation.  
Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

Label elements

Hazard pictograms:



Warning

Hazard statements:

- H226 Flammable liquid and vapour.
- H332 Harmful if inhaled.
- H317 May cause an allergic skin reaction.
- H335 May cause respiratory irritation.
- H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

- P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical/ventilating/lighting/equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P271 Use only outdoors or in a well-ventilated area.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P312 Call a POISON CENTER/doctor/... if you feel unwell.  
 P321 Specific treatment (see ... On this label).  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P363 Wash contaminated clothing before reuse.  
 P370+P378 In case of fire, use alcohol resistant foam, dry chemical, CO<sub>2</sub>, water spray. Do not use water jet.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P403+P235 Store in a well-ventilated place. Keep cool.  
 P405 Store locked up.  
 P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Hazards not otherwise classified identified during the classification process:

None

Ingredient(s) with unknown acute toxicity:

None.

Additional classification information

NFPA rating:



HMIS rating:



### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

N.A.

Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

Qty	Name	Ident. Number	Classification
>= 70% - < 80%	HDI Polyisocyanate	CAS: 160994-68-3 EC: 679-501-7	⚠ A.1/4/Inhal Acute Tox. 4 H332 ⚠ A.4.2/1 Skin Sens. 1 H317 ⚠ A.8/3 STOT SE 3 H335 US-HAE/C3 Aquatic Chronic 3 H412
>= 15% - < 20%	2-methoxy-1-methylethyl acetate	Index number: 607-195-00-7 CAS: 108-65-6 EC: 203-603-9 REACH No.: 01-2119475791-29	⚠ B.6/3 Flam. Liq. 3 H226 ⚠ A.8/3 STOT SE 3 H336

### 4. FIRST-AID MEASURES

Description of necessary measures

In case of skin contact:

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Immediately take off all contaminated clothing.  
Remove contaminated clothing immediately and dispose off safely.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do NOT induce vomiting.

In case of Inhalation:

If breathing is irregular or stopped, administer artificial respiration.

In case of inhalation, consult a doctor immediately and show him packing or label.

Most important symptoms/effects, acute and delayed

None

Indication of 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:

None

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## 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

In case of fire, use alcohol resistant foam, dry chemical, CO<sub>2</sub>, water spray. Do not use water jet.

Unsuitable extinguishing media:

None in particular.

Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products:

None

Explosive properties:

N.D. in volume

Oxidizing properties:

N.D.

Special protective equipment and precautions for fire-fighters

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.

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## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Provide adequate ventilation.

Use appropriate respiratory protection.

See protective measures under point 7 and 8.

Methods and materials for containment and cleaning up

Wash with plenty of water.

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## 7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not use on extensive surface areas in premises where there are occupants.

Use localized ventilation system.

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.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

Conditions for safe storage, including any incompatibilities

Always keep in a well ventilated place.

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Avoid accumulating electrostatic charge.

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

Safety electric system.

Storage temperature:

Store at ambient temperature.

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#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

##### Control parameters

2-methoxy-1-methylethyl acetate - CAS: 108-65-6  
 EU - TWA(8h): 275 mg/m<sup>3</sup>, 50 ppm - STEL: 550 mg/m<sup>3</sup>, 100 ppm - Notes: Skin  
 TLV TWA - 275 mg/m<sup>3</sup> - 50 ppm  
 TLV STEL - 550 mg/m<sup>3</sup> - 100 ppm

##### DNEL Exposure Limit Values

2-methoxy-1-methylethyl acetate - CAS: 108-65-6  
 Worker Industry: 796 mg/kg - Worker Professional: 796 mg/kg - Consumer: 320 mg/kg - Exposure: Human Dermal  
 - Frequency: Long Term, systemic effects  
 Worker Industry: 275 mg/m<sup>3</sup> - Worker Professional: 275 mg/m<sup>3</sup> - Consumer: 33 mg/m<sup>3</sup> - Exposure: Human  
 Inhalation - Frequency: Long Term, systemic effects  
 Worker Industry: 550 mg/m<sup>3</sup> - Worker Professional: 550 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short  
 Term, local effects  
 Consumer: 36 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

##### PNEC Exposure Limit Values

2-methoxy-1-methylethyl acetate - CAS: 108-65-6  
 Target: Fresh Water - Value: 0.635 mg/l  
 Target: Marine water - Value: 0.0635 mg/l  
 Target: Intermittent emission - Value: 6.35 mg/l  
 Target: Microorganisms in sewage treatments - Value: 100 mg/l  
 Target: Freshwater sediments - Value: 3.29 mg/kg  
 Target: Marine water sediments - Value: 0.329 mg/kg  
 Target: Soil (agricultural) - Value: 0.29 mg/kg

##### Appropriate engineering controls:

None

##### Individual protection measures

##### Eye protection:

Eye glasses with side protection. (EN166)

##### Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

##### Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber. (EN374)

##### Respiratory protection:

Use respiratory protection where ventilation is insufficient or exposure is prolonged.  
 Use adequate protective respiratory equipment.

##### Thermal Hazards:

None

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour:	colourless fluid
Odour:	typical
Odour threshold:	N.D.
pH:	N.A.
Melting point / freezing point:	N.D. °C
Initial boiling point and boiling range:	> 100 °C
Solid/gas flammability:	N.A.
Upper/lower flammability or explosive limits:	N.D.
Vapour density:	> 1
Flash point:	> 45 °C
Evaporation rate:	N.D.
Vapour pressure:	N.D. (20 °C)
Relative density:	1.000 - 1.100
Solubility in water:	soluble
Solubility in oil:	partial
Partition coefficient (n-octanol/water):	N.D.
Auto-ignition temperature:	> 300 °C
Decomposition temperature:	N.D. °C
Viscosity:	N.D.
Miscibility:	N.D.
Fat Solubility:	N.D.
Conductivity:	N.D.
Substance Groups relevant properties	N.A.

#### 10. STABILITY AND REACTIVITY

##### Reactivity

It may generate dangerous reactions (See subsections below)

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- Chemical stability  
It may generate dangerous reactions (See subsections below)
- Possibility of hazardous reactions  
It may generate flammable gases on contact with elementary metals (alkalis and alkaline earth, alloys in powder or vapours) and powerful reducing agents.  
It may generate toxic gases on contact with oxidising mineral acids, and powerful oxidising agents.  
It may catch fire on contact with oxidising mineral acids, and powerful oxidising agents.
- Conditions to avoid  
Avoid accumulating electrostatic charge.
- Incompatible materials  
Avoid contact with combustible materials. The product could catch fire.
- Hazardous decomposition products  
None.

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## 11. TOXICOLOGICAL INFORMATION

- Information on toxicological effects  
Toxicological information of the product:  
CATALIZZATORE per prod. all'acqua - Catalyst for WB products
- a) acute toxicity  
The product is classified: Acute Tox. 4 H332
  - b) skin corrosion/irritation  
Not classified  
No data available for the product
  - c) serious eye damage/irritation  
Not classified  
No data available for the product
  - d) respiratory or skin sensitisation  
The product is classified: Skin Sens. 1 H317
  - e) germ cell mutagenicity  
Not classified  
No data available for the product
  - f) carcinogenicity  
Not classified  
No data available for the product
  - g) reproductive toxicity  
Not classified  
No data available for the product
  - h) STOT-single exposure  
The product is classified: STOT SE 3 H335
  - i) STOT-repeated exposure  
Not classified  
No data available for the product
  - j) aspiration hazard  
Not classified  
No data available for the product
- Toxicological information of the main substances found in the product:  
2-methoxy-1-methylethyl acetate - CAS: 108-65-6
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg

- Substance(s) listed on the NTP report on Carcinogens:  
None.
- Substance(s) listed on the IARC Monographs:  
None.
- Substance(s) listed as OSHA Carcinogen(s):  
None.
- Substance(s) listed as NIOSH Carcinogen(s):  
None.

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## 12. ECOLOGICAL INFORMATION

- Ecotoxicity  
Adopt good working practices, so that the product is not released into the environment.  
CATALIZZATORE per prod. all'acqua - Catalyst for WB products  
The product is classified: Aquatic Chronic 3 - H412
- 2-methoxy-1-methylethyl acetate - CAS: 108-65-6
- a) Aquatic acute toxicity:  
Endpoint: EC50 - Species: Algae > 1000 mg/l - Duration h: 96 - Notes: OECD 201

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Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96 - Notes: OECD 203

Endpoint: LC50 - Species: Daphnia > 500 mg/l - Duration h: 48

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish = 47.5 mg/l - Notes: 14d OECD 204

Endpoint: NOEC - Species: Daphnia > 100 mg/l - Notes: 21d OECD 211

Persistence and degradability

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Biodegradability: Readily biodegradable - Duration h: 28 days - %: 83 - Notes: OECD 301F

Bioaccumulative potential

N.A.

Mobility in soil

N.A.

Other adverse effects

None

### 13. DISPOSAL CONSIDERATIONS

Waste treatment and disposal methods

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.

### 14. TRANSPORT INFORMATION



UN number

ADR-UN Number: 1263

DOT number: UN1263

IATA-UN Number: 1263

IMDG-UN Number: 1263

UN proper shipping name

ADR-Shipping Name: PAINT

DOT-Shipping Name: Paint including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base or Paint related material including paint thinning, drying, removing, or reducing compound

IATA-Shipping Name: PAINT

IMDG-Shipping Name: PAINT

Transport hazard class(es)

ADR-Class: 3

DOT Hazard Class: 3

ADR - Hazard identification number: 30

IATA-Class: 3

IATA-Label: 3

IMDG-Class: 3

IMDG-Class: 3

Packing group

ADR-Packing Group: III

DOT Packing group: III

IATA-Packing group: III

IMDG-Packing group: III

Environmental hazards

ADR-Environmental Pollutant: No

IMDG-Marine pollutant: No

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

N.A.

Special precautions

Rail (RID): 3

DOT Special provisions: 367, B1, B52, B131, IB3, T2, TP1, TP29

ADR-Subsidiary risks: -

ADR-S.P.: 163 367 640E 650

ADR-Transport category (Tunnel restriction code): 3 (D/E)

IATA-Passenger Aircraft: 355

IATA-Subsidiary risks: -

IATA-Cargo Aircraft: 366

IATA-S.P.: A3 A72 A192

IATA-ERG: 3L

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IMDG-EmS: F-E , S-E  
IMDG-Subsidiary risks: -  
IMDG-Stowage and handling: Category A  
IMDG-Segregation: -

#### 15. REGULATORY INFORMATION

##### USA - Federal regulations

###### TSCA - Toxic Substances Control Act

TSCA inventory: all the components are listed on the TSCA inventory.

TSCA listed substances:

HDI Polyisocyanate is listed in TSCA Section 8b

2-methoxy-1-methylethyl acetate is listed in TSCA Section 8a - PAIR, Section 8b, Section 8d HSDR.

###### SARA - Superfund Amendments and Reauthorization Act

Section 302 – Extremely Hazardous Substances: no substances listed.

Section 304 – Hazardous substances: no substances listed.

Section 313 – Toxic chemical list: no substances listed.

###### CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

No substances listed.

###### CAA - Clean Air Act

CAA listed substances:

None.

###### CWA - Clean Water Act

CWA listed substances:

None.

##### USA - State specific regulations

###### California Proposition 65

Substance(s) listed under California Proposition 65:

None.

###### Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:

No substances listed.

###### New Jersey Right to know

Substance(s) listed under New Jersey Right to know:

No substances listed.

###### Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

No substances listed.

Volatile Organic compounds - VOCs = 20.00 %

Volatile Organic compounds - VOCs = 220.00 g/l

Volatile CMR substances = 0.04 %

Organic Carbon - C = 0.11

#### 16. OTHER INFORMATION

Full text of phrases referred to in Section 3:

H332 Harmful if inhaled.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

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Disclaimer:

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. The information relates only to the specific material and may not be valid for such material used in combination with any other material or in any process.

This Safety Data Sheet cancels and replaces any preceding release.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
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.  
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.  
HMIS: Hazardous Materials Identification System  
IARC: International Agency for Research on Cancer

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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.
NFPA:	National Fire Protection Association
NIOSH:	National Institute for Occupational Safety and Health
NTP:	National Toxicology Program
OSHA:	Occupational Safety and Health Administration.
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