

# Safety Data Sheet

Complies with Annex II of REACH - Regulation (EU) 2020/878

## SECTION 1. Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Code: YCH5002  
Name: LUXORY METAL  
Chemical name and synonyms: LUXORY METAL

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

Sector of use: SU22 – Professional uses SU21- Consumer uses  
Product category: PC35 – Washing and cleaning products (including solvent-based products)  
Description/Usage: Polishing cleansing cream

### 1.3. Information about the supplier of the safety data sheet

Business name: MARBEC SRL  
Address: VIA CROCE ROSSA 5/i  
Locality and State: 51037 MONTALE (PISTOIA)  
ITALY  
tel. +039 0573/959848  
fax:

e-mail of the competent person,  
responsible for the safety data sheet: info@marbec.it

### 1.4. Emergency telephone number

For urgent information please contact

MARBEC srl  
+390573959848 8.30am-1pm 2pm-6pm or +393348578502  
Telephone number of Poison Control Centers active 24 hours a day  
National Poisons Information Service (Birmingham Unit)  
+44 844 892 0111  
IRCSS Maugeri Foundation –  
Pavia 0039-0382-24444  
CAV Ospedali Riuniti –  
Bergamo 0039-800-883300  
CAV Niguarda Ca' Granda Hospital –  
Milan 0039-02-66101029  
CAV Careggi Hospital - Florence 0039-055-7947819  
CAV Gemelli Polyclinic –  
Rome 0039-06-3054343  
CAV Policlinico Umberto I –  
Rome 0039-06 49978000  
CAV Cardarelli Hospital –  
Naples 0039-081 5453333  
CAV Verona Integrated Hospital Company - Verona 800011858

## SECTION 2. Hazard Identification

### 2.1. Substance or mixture classification

The product is classified as dangerous pursuant to the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adjustments). The product therefore requires a safety data sheet compliant with the provisions of Regulation (EU) 2020/878. Any additional information regarding risks to health and/or the environment is reported in the sections. 11 and 12 of this sheet.

Hazard classification and indications:

Eye irritation, category 2

H319

Causes serious eye irritation.

### 2.2. Label elements

Hazard labeling pursuant to Regulation (EC) 1272/2008 (CLP) and subsequent amendments and adjustments.

Hazard pictograms:



Warnings:

Attention

Hazard Statements:

**H319**

Causes serious eye irritation.

Precautionary advice:

**P280**

Protect your eyes/face.

**P337+P313**

If eye irritation persists, seek medical attention.

**P102**

Keep out of reach of children.

**P103**

Read the label before use.

### 2.3. Other dangers

Based on available data, the product does not contain PBT or vPvB substances in percentages  $\geq 0.1\%$ .

The product does not contain substances with properties that interfere with the endocrine system in concentrations  $\geq 0.1\%$ .

## SECTION 3. Composition/information on ingredients

### 3.2. Mixtures

Contains:

**Identification**

**x = Conc. %**

**Classification 1272/2008 (CLP)**

**ALUMINA**

CAS 1344-28-1

 $30 \leq x < 50$ 

CE 215-691-6

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REACH Reg. 01-2119529248-35-0024

**Alcohols, C11-13-branched, ethoxylated (>2.5 mol EO)**

CAS 68439-54-3

 $1 \leq x < 3$ 

Acute Tox. 4 H302, Eye Dam. 1 H318

THERE IS

LD50 Oral: &gt;300 mg/kg

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**POLYSILOXANS**

CAS 63148-62-9

 $1 \leq x < 3$ 

THERE IS

INDEX -

**Alcohols, branched C12-15 and linear, ethoxylated propoxylated**

CAS 120313-48-6

 $1 \leq x < 3$ 

Eye Irrit. 2 H319, Skin Irrit. 2 H315

THERE IS

INDEX -

REACH Reg. (REF.:N° 02-2119548508-30-0000)

The complete text of the hazard indications (H) is shown in section 16 of the sheet.

**SECTION 4. First aid measures****4.1. Description of first aid measures**

EYES: Remove any contact lenses. Wash immediately and abundantly with water for at least 15 minutes, opening the eyelids wide. Consult a doctor if the problem persists.

SKIN: Take off contaminated clothing. Shower immediately. Wash the contaminated garments before reusing them.

INHALATION: Move the subject to fresh air. If breathing stops, give artificial respiration. Call a doctor immediately.

INGESTION: Call a doctor immediately. Do not induce vomiting. Do not administer anything that is not expressly authorized by your doctor.

**4.2. Main symptoms and effects, both acute and delayed**

There is no specific information on the symptoms and effects caused by the product.

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

Information not available

## SECTION 5. Fire fighting measures

### 5.1. Fire fighting

#### SUITABLE EXTINGUISHING MEANS

Choose the most appropriate extinguishing media for the specific situation.

#### UNSUITABLE EXTINGUISHING MEANS

No one in particular.

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

#### DANGERS DUE TO EXPOSURE IN THE EVENT OF FIRE

The product is not flammable or combustible.

### 5.3. Recommendations for fire fighters

#### EQUIPMENT

Normal fire-fighting clothing, such as an open circuit compressed air breathing apparatus (EN 137), flame retardant suit (EN469), flame retardant gloves (EN 659) and fire fighter boots (HO A29 or A30).

## SECTION 6. Accidental release measures

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

Stop the leak if there is no danger.

Wear appropriate protective equipment (including personal protective equipment referred to in section 8 of the safety data sheet) to prevent contamination of skin, eyes and personal clothing. These indications are valid both for workers and for emergency interventions.

### 6.2. Environmental precautions

Prevent the product from entering sewers, surface waters and groundwater.

### 6.3. Methods and materials for containment and cleanup

Suck up the spilled product into a suitable container. Evaluate the compatibility of the container to be used with the product, checking section 10. Absorb the remainder with inert absorbent material.

Provide sufficient ventilation of the area affected by the leak. Disposal of contaminated material must be carried out in accordance with the provisions of point 13.

### 6.4. Reference to other sections

Any information regarding personal protection and disposal is reported in sections 8 and 13.

## SECTION 7. Handling and storage

### 7.1. Precautions for Safe Handling

Handle the product after consulting all other sections of this safety data sheet. Avoid dispersing the product into the environment. Do not eat, drink or smoke during use. Remove contaminated clothing and protective equipment before entering eating areas.

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

Store only in the original container. Keep containers closed, in a well-ventilated place, away from direct sunlight. Store containers away from any incompatible materials, checking section 10.

Storage class TRGS 510 (Germany):

12

### 7.3. Specific end uses

Information not available

## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

Normative requirements:

DEU	Deutschland	Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte. MAK- und BAT-Werte-Liste 2020, Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Mitteilung 56
EXP	Spain	Professional exposure limits for chemical agents in Spain 2021
BETWEEN	France	Value limits of professional exposure to chemical agents in France. ED 984 - INRS
GBR	United Kingdom	EH40/2005 Workplace exposure limits (Fourth Edition 2020)
	TLV-ACGIH	ACGIH 2021

### ALUMINA

#### Threshold limit value

Guy	State	TWA/8h		STEL/15min		Notes / Observations
		mg/m3	ppm	mg/m3	ppm	
MAK	DEU	4				INHALAB
MAK	DEU	1.5				BREATH
VLA	EXP	10				
VLEP	BETWEEN	10				
WEL	GBR	10				INHALAB
WEL	GBR	4				BREATH
TLV-ACGIH		1				BREATH To the

#### Health - Derived no effect level - DNEL / DMEL

Exhibition Street	Effects on consumers				Effects on workers			
	Acute rooms	Acute systemic	Chronic premises	Chronic systemic	Acute rooms	Acute systemic	Chronic premises	Chronic systemic
Inhalation								3 mg/m3 8h

Legend:

(C) = CEILING ; INALAB = Inhalable Fraction; RESPIR = Respirable Fraction; TORAC = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available; NEA = no expected exposure; NPI = no hazard identified.

### 8.2. Exposure controls

Considering that the use of adequate technical measures should always take priority over personal protective equipment, ensure good ventilation in the workplace through effective local extraction.

When choosing personal protective equipment, ask your chemical suppliers for advice if necessary.

Personal protective equipment must bear the CE marking which certifies their compliance with current regulations.

Provide emergency shower with eyecup.

#### HAND PROTECTION

If prolonged contact with the product is expected, it is recommended to protect your hands with penetration-resistant work gloves (ref. EN 374 standard).

#### SKIN PROTECTION

Personal skin protection is usually not necessary.

If necessary, wear work clothes with long sleeves and category I safety footwear for professional use (ref. Directive 89/686/EEC and EN ISO 20344 standard). Wash with soap and water after removing protective clothing.

#### EYE PROTECTION

No personal eye/face protection is usually necessary. Eye/face protection required for splashes, eye contact. Suitable devices: airtight protective glasses.

#### RESPIRATORY PROTECTION

Not necessary for normal use.

If the threshold value (e.g. TLV-TWA) of the substance or one or more of the substances present in the product is exceeded, it is recommended to wear a mask with a type A filter whose class (1, 2 or 3) must be chosen in relation to the limit concentration of use. (ref. standard EN 14387). If gases or vapors of a different nature and/or gases or vapors with particles (aerosols, fumes, mists, etc.) are present, combined filters must be provided.

The use of respiratory protection means is necessary if the technical measures adopted are not sufficient to limit the worker's exposure to the threshold values taken into consideration. However, the protection offered by masks is limited.

In the event that the substance considered is odorless or its olfactory threshold is higher than the relevant TLV-TWA and in case of emergency, wear an open-circuit compressed air breathing apparatus (ref. standard EN 137) or a self-contained breathing apparatus external air (ref. EN 138 standard). For the correct choice of respiratory protection device, refer to the EN 529 standard.

#### ENVIRONMENTAL EXPOSURE CONTROLS

Emissions from production processes, including those from ventilation equipment, should be controlled for compliance with environmental protection legislation.

## SECTION 9. Physical and chemical properties

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

Property	Value	Information
Physical State	pasty liquid	
Color	white	
Odor	mild	
Melting or freezing point	Not applicable	
Initial boiling point	Not available	
Flammability	incombustible	
Lower explosive limit	Not applicable	
Upper explosive limit	Not applicable	
Flash point	> 60 °C	
Auto-ignition temperature	Not applicable	
pH	7	
Kinematic viscosity	Not available	
Solubility	partially soluble in water	
Partition coefficient: n-octanol/water	Not available	
Vapor pressure	Not available	
Density and/or Relative density	1.38 kg/l	
Relative vapor density	Not available	

Characteristics of the particles Not applicable

## 9.2. More information

### 9.2.1. Information regarding physical hazard classes

Information not available

### 9.2.2. Other safety features

VOC (Directive 2010/75/EU)	0 gr/lt
Explosive properties	Not applicable
Oxidizing properties	Not applicable

## SECTION 10. Stability and reactivity

### 10.1. Reactivity

There are no particular dangers of reaction with other substances under normal conditions of use.

### 10.2. Chemical stability

The product is stable under normal conditions of use and storage.

### 10.3. Possibility of dangerous reactions

Under normal conditions of use and storage, dangerous reactions are not foreseeable.

### 10.4. Conditions to avoid

None in particular. However, follow the usual precautions regarding chemical products.

### 10.5. Incompatible materials

Information not available

### 10.6. Hazardous decomposition products

Information not available

## SECTION 11. Toxicological information

### 11.1. Information on the hazard classes defined in Regulation (EC) no. 1272/2008

#### Metabolism, kinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Immediate, delayed and chronic effects resulting from short- and long-term exposures

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

ATE (Inhalation) of the mixture:	Not classified (no relevant component)
ATE (Oral) of the mixture:	>2000 mg/kg
ATE (Dermal) of the mixture:	Not classified (no relevant component)

ALUMINA	
LD50 (Oral):	> 5000 mg/kg Rat

ANIMAL DOUBLE DISTILLED OLEIN	
LD50 (Oral):	> 2000 mg/kg rat

POLYSILOXANS	
LD50 (Dermal):	> 2000 mg/kg rat
LD50 (Oral):	> 5000 mg/kg rat

Ethoxylated aliphatic alcohol 7 moles	
LD50 (Dermal):	> 2000 mg/kg rabbit
LD50 (Oral):	> 300 mg/kg rat

Alcohols, branched C12-15 and linear, ethoxylated propoxylated	
LD50 (Oral):	> 2000 mg/kg rat

SKIN CORROSION / SKIN IRRITATION

It does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / EYE IRRITATION

Causes serious eye irritation

RESPIRATORY OR SKIN SENSITIZATION

It does not meet the classification criteria for this hazard class

Respiratory sensitization

Information not available

Skin sensitization

Information not available

MUTAGENICITY ON GERM CELLS

It does not meet the classification criteria for this hazard class

CARCINOGENICITY

It does not meet the classification criteria for this hazard class

REPRODUCTION TOXICITY

It does not meet the classification criteria for this hazard class

Harmful effects on sexual function and fertility

Information not available

Harmful effects on the development of offspring

Information not available

Effects on or through breastfeeding

Information not available

SPECIFIC TARGET ORGAN TOXICITY (STOT) - SINGLE EXPOSURE

It does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

SPECIFIC TARGET ORGAN TOXICITY (STOT) - REPEATED EXPOSURE

It does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

DANGER IN CASE OF ASPIRATION

It does not meet the classification criteria for this hazard class

**11.2. Information about other hazards**

Based on available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with effects on human health being evaluated.

## SECTION 12. Ecological information

### 12.1. Toxicity

#### POLYSILOXANS

EC50 - Crustaceans > 200 mg/l/48h Daphnia Magna  
Chronic NOEC Fish > 10000 mg/l fish

#### Ethoxylated aliphatic alcohol 7 moles

LC50 - Pisces 5 mg/l/96h  
EC50 - Crustaceans 5 mg/l/48h  
EC50 - Algae / Aquatic Plants 5 mg/l/72h  
Chronic NOEC Algae / Aquatic Plants 10 mg/kg OECD 208 method

Alcohols, branched C12-15 and linear,  
ethoxylated propoxylated  
LC50 - Pisces

5 mg/l/96h

### 12.2. Persistence and degradability

#### ALUMINA

Solubility in water < 2E-05 mg/l

Degradability: data not available

#### POLYSILOXANS

NOT rapidly degradable

#### Ethoxylated aliphatic alcohol 7 moles

Rapidly degradable

Alcohols, branched C12-15 and linear,  
ethoxylated propoxylated  
Rapidly degradable

### 12.3. Bioaccumulative potential

Information not available

### 12.4. Mobility in soil

Information not available

### 12.5. Results of PBT and vPvB assessment

Based on available data, the product does not contain PBT or vPvB substances in percentages  $\geq 0.1\%$ .

#### 12.6. Endocrine disrupting properties

Based on available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with effects on the environment being evaluated.

#### 12.7. Other adverse effects

Information not available

### SECTION 13. Disposal Considerations

#### 13.1. Waste treatment methods

Reuse if possible. Product residues are to be considered hazardous special waste. The dangerousness of waste that partly contains this product must be assessed based on current legislative provisions.

Disposal must be entrusted to a company authorized to manage waste, in compliance with national and possibly local regulations.

#### CONTAMINATED PACKAGING

Contaminated packaging must be sent for recovery or disposal in compliance with national waste management regulations.

### SECTION 14. Transportation Information

The product is not to be considered dangerous pursuant to the provisions in force regarding the transport of dangerous goods by road (ADR), by rail (RID), by sea (IMDG Code) and by air (IATA).

#### 14.1. UN number or ID number

Not applicable

#### 14.2. Official UN shipping name

Not applicable

#### 14.3. Transport hazard classes

Not applicable

#### 14.4. Packing group

Not applicable

#### 14.5. Dangers for the environment

Not applicable

#### 14.6. Special precautions for users

Not applicable

#### 14.7. Maritime transport in bulk in accordance with IMO acts

Information not relevant

## SECTION 15. Regulatory information

### 15.1. Health, safety and environmental laws and regulations specific to the substance or mixture

Seveso Category - Directive 2012/18/EU: None

Restrictions relating to the product or substances contained according to Annex XVII Regulation (EC) 1907/2006

#### Product

Point 3

#### Substances contained

Point 75

Regulation (EU) 2019/1148 - relating to the placing on the market and use of explosives precursors

Not applicable

Substances in Candidate List (Art. 59 REACH)

Based on available data, the product does not contain SVHC substances in percentages  $\geq 0.1\%$ .

Substances subject to authorization (Annex XIV REACH)

None

Substances subject to export notification requirements Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Sanitary checks

Workers exposed to this chemical agent dangerous to health must be subjected to health surveillance carried out in accordance with the provisions of the art. 41 of Legislative Decree 81 of 9 April 2008 unless the risk to the safety and health of the worker has been assessed as irrelevant, in accordance with the provisions of art. 224 paragraph 2.

**15.2. Chemical safety assessment**

A chemical safety assessment has been developed for the following substances contained in the mixture:  
Alumina.

**SECTION 16. Other information**

Text of the hazard statements (H) mentioned in sections 2-3 of the sheet:

<b>Acute Tox. 4</b>	Acute toxicity, category 4
<b>Eye Dam. 1</b>	Serious eye damage, category 1
<b>Eye Irrit. 2</b>	Eye irritation, category 2
<b>Skin Irrit. 2</b>	Skin irritation, category 2
<b>H302</b>	Harmful if ingested.
<b>H318</b>	Causes serious eye damage.
<b>H319</b>	Causes serious eye irritation.
<b>H315</b>	Causes skin irritation.

**LEGEND:**

- ADR: European Agreement for the transport of dangerous goods by road
- CAS: Chemical Abstract Service Number
- CE: Identification number in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived no-effect level
- EC50: Concentration that gives effect to 50% of the population subject to testing
- EmS: Emergency Schedule
- GHS: Globally Harmonized System for the Classification and Labeling of Chemical Products
- IATA DGR: Regulations for the transport of dangerous goods of the International Air Transport Association
- IC50: Immobilization concentration of 50% of the population subject to testing
- IMDG: International Maritime Code for the Transport of Dangerous Goods
- IMO: International Maritime Organization
- INDEX: Identification number in Annex VI of CLP
- LC50: Lethal concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational exposure level
- PBT: Persistent, bioaccumulating and toxic according to REACH
- PEC: Predictable environmental concentration
- PEL: Predictable level of exposure
- PNEC: Predictable no-effect concentration
- REACH: Regulation (EC) 1907/2006

- RID: Regulations for the international transport of dangerous goods by train
- STA: Acute Toxicity Estimate
- TLV: Threshold limit value
- TLV CEILING: Concentration that must not be exceeded during any moment of occupational exposure.
- TWA: Weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic compound
- vPvB: Very persistent and very bioaccumulating according to REACH
- WGK: Aquatic hazard class (Germany).

**GENERAL BIBLIOGRAPHY:**

1. Regulation (EC) 1907/2006 of the European Parliament (REACH)
  2. Regulation (EC) 1272/2008 of the European Parliament (CLP)
  3. Regulation (EU) 2020/878 (Annex II of the REACH Regulation)
  4. Regulation (EC) 790/2009 of the European Parliament (I Atp. CLP)
  5. Regulation (EU) 286/2011 of the European Parliament (II Atp. CLP)
  6. Regulation (EU) 618/2012 of the European Parliament (III Atp. CLP)
  7. Regulation (EU) 487/2013 of the European Parliament (IV Atp. CLP)
  8. Regulation (EU) 944/2013 of the European Parliament (V Atp. CLP)
  9. Regulation (EU) 605/2014 of the European Parliament (VI Atp. CLP)
  10. Regulation (EU) 2015/1221 of the European Parliament (VII Atp. CLP)
  11. Regulation (EU) 2016/918 of the European Parliament (VIII Atp. CLP)
  12. Regulation (EU) 2016/1179 (IX Atp. CLP)
  13. Regulation (EU) 2017/776 (X Atp. CLP)
  14. Regulation (EU) 2018/669 (XI Atp. CLP)
  15. Regulation (EU) 2019/521 (XII Atp. CLP)
  16. Delegated Regulation (EU) 2018/1480 (XIII Atp. CLP)
  17. Regulation (EU) 2019/1148
  18. Delegated Regulation (EU) 2020/217 (XIV Atp. CLP)
  19. Delegated Regulation (EU) 2020/1182 (XV Atp. CLP)
  20. Delegated Regulation (EU) 2021/643 (XVI Atp. CLP)
  21. Delegated Regulation (EU) 2021/849 (XVII Atp. CLP)
- The Merck Index. - 10th Edition
  - Handling Chemical Safety
  - INRS - Fiche Toxicologique (toxicological sheet)
  - Patty - Industrial Hygiene and Toxicology
  - NI Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
  - IFA GESTIS website
  - ECHA Agency website
  - Database of SDS models of chemical substances - Ministry of Health and Istituto Superiore di Sanità

**Note for the user:**

The information contained in this sheet is based on the knowledge available to us at the date of the latest version. The user must ensure the suitability and completeness of the information in relation to the specific use of the product.

This document should not be interpreted as a guarantee of any specific property of the product.

Since the use of the product does not fall under our direct control, it is the user's obligation to observe the laws and regulations in force regarding hygiene and safety under his own responsibility. We do not assume responsibility for improper use.

Provide adequate training to personnel assigned to the use of chemical products.

**CLASSIFICATION CALCULATION METHODS**

Chemical-physical hazards: The classification of the product was derived from the criteria established by the CLP Regulation Annex I Part 2. The methods of evaluation of the chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on the calculation methods in Annex I of CLP Part 3, unless otherwise indicated in section 11.

Environmental hazards: The classification of the product is based on the calculation methods set out in Annex I of CLP Part 4, unless otherwise indicated in section 12.

**Changes compared to the previous revision**

Changes have been made to the following sections:

01 / 02 / 03 / 08 / 09 / 11 / 12 / 15 / 16.