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Cebos Color Srl
SS04.022 - CeboArt Pozzolano

Revision n.4
Revision date 13/05/2016
Printed on 13/05/2016
Page no. 18/80

IT

SECTION 285200 - **Refrigeration and Air Conditioning Equipment**

SAMBAZAND **N-2ccigenta** **0521m**

New OR to

6.1 NO...
2.3 Other...
9.1 ...

BANDAGE PROTECTION

COLOR OF THE PRODUCT

LEATHER.

individual protection referred to in section 8 of the safety data sheet)

PzEIoLnLiES are valid for both employees at LEATHER.

SECTION 3. Composition / Informazione **Il prodotto è composto da:**

1. The product is a solid substance or mixture and used as a coating on leather in percentage greater than 0.1%.

[illegible][illegible]

The disposal of contaminated material must be carried out in accordance with the provisions of point 13.

10.8. Possibility of hazardous early loss product: 24040 OSTO ABOVE (BG)

[illegible]

SEMPER PARATI. IZUOZIOAN ALE ED

[illegible]

No king d o e vdeeri gonsnutildaatolate d'Anorte las and mo adimla ity, degraia durrezozne, An bawm diarditit paerispenmedaz lopno and
There is a king d o e vdeeri gonsnutildaatolate d'Anorte las and mo adimla ity, degraia durrezozne, An bawm diarditit paerispenmedaz lopno and
S. A. king d o e vdeeri gonsnutildaatolate d'Anorte las and mo adimla ity, degraia durrezozne, An bawm diarditit paerispenmedaz lopno and

the specific use of the product.

The laws are

[illegible][illegible][illegible]

8.1. If the patient has difficulty breathing or if there are signs of respiratory distress, call a physician immediately. Do not induce vomiting unless expressly advised by a health care professional.

[illegible]

following edits, approved at the EN 137) or a respirator with external air intake (ref. standard

4.21 **CONCLUSIONS AND RECOMMENDATIONS**

The purpose of this study was to determine the effects of the substances tested on the health of humans. The results of the study are summarized in the following conclusions:

- The substances tested did not show any significant adverse effects on the health of humans.
- The substances tested did not show any significant adverse effects on the environment.
- The substances tested did not show any significant adverse effects on the safety of food.

Based on the results of the study, it is recommended that the substances tested should be checked for compliance with the requirements of the relevant legislation.

4.3. Indication of any immediate medical attention and special treatment needed: ICALCE MOISTURIZES

AND NUMBER: NumOrdIdentificativeIndexSelfStiv(arzCzCzmo1teGuIr/oUpEc;odDirettivaSaos20na06/e1Se/scEjntir)ective 2004/37 / EC; Directive 2000/39 / EC.

9. Preparation of Reu1 penicillin medium (Ardregh, 72And/20ta0L8the, (CLP) and subsequent amendments and adjustments.

5.10.10.10 And bday work practices, e bvialtnacnodo of CLESCANDR. And To the T.pTo produced in the environment. Notify the competent authorities if the product

[illegible]

12.10.2019 14:00:00

12. **BAND** Do the Uddignato UNCONNECT IN CAS OR DIGNONCEND ° ICO.

15. **1ET60MT04GH** **Yayma** **prscotLutpAnda**, **5z5licnutorLezza** and **amNo.borie** **chthetLfAndic**. **he for the substance or mixture.**

[illegible]

Ripetere il procedimento per le altre sostanze, identificando le posizioni dei prodotti potenzialmente pericolosi e le posizioni dei prodotti che non lo sono.
 Ripetere il procedimento per le altre sostanze, identificando le posizioni dei prodotti potenzialmente pericolosi e le posizioni dei prodotti che non lo sono.

[illegible][illegible]

IN CASE OF CONTACT WITH OCSPRE WHO: Rinse thoroughly for several minutes. Remove any ocspres immediately. Rinse again if it is agevoNeonfadrlis.poinbtileu. are to rinse.

SECTION 2. Hazards identification. ... / >>

P313 Consult a physician.

Contains: HYDRATED LIME

2.3. Other dangers.

On the basis of available data, the product does not contain PBT or vPvB substances in percentage greater than 0.1%.

SECTION 3. Composition / information on ingredients.

3.1. Substances.

Not relevant information.

3.2. Blends.

Contains:

Identification.	Conc. %.	Classification 1272/2008 (CLP).
HYDRATED LIME		
CAS. 1305-62-0	5 - 6	Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335
INDEX. 215-137-3		
ETHANOLAMINE		
CAS. 141-43-5	0 - 0.05	Acute Tox. 4 H302, Acute Tox. 4 H312, Acute Tox. 4 H332, Skin Corr. 1B H314, STOT SE 3 H335
INDEX. 603-030-00-8		

Note: Upper value of the range excluded.

The full wording of the hazard statements (H) is given 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 30/60 minutes, opening the eyelids well. Consult a physician immediately.

SKIN: Take off contaminated clothing. Take a shower immediately. Consult a physician immediately.

INGESTION: Give as much water to drink as possible. Consult a physician immediately. Do not induce vomiting unless expressly authorized by your doctor.

INHALATION: Call a doctor immediately. Take the person out into the fresh air, away from the scene of the accident. If breathing stops, give artificial respiration. Take adequate precautions for the rescuer.

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

For symptoms and effects due to the substances contained, see chap. 11.

4.3. Indication of any immediate medical attention and special treatment needed. Information not available.

SECTION 5. Firefighting measures.

5.1. Fire fighting. SUITABLE

EXTINGUISHING MEDIA

The extinguishing media are the traditional ones: carbon dioxide, foam, powder and nebulized water.

UNSUITABLE EXTINGUISHING MEDIA

No one in particular.

5.2. Special hazards arising from the substance or mixture.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Avoid breathing combustion products.

5.3. Recommendations for firefighters. GENERAL INFORMATION

Cool the containers with jets of water to avoid product decomposition and the development of substances potentially hazardous to health. Always wear full fire protection equipment. Collect the extinguishing water which must not be discharged into the sewers. Dispose of the contaminated water used for extinguishing and the residue of the fire according to current regulations. EQUIPMENT

Normal clothing for firefighting, such as an open circuit compressed air breathing apparatus (EN 137), flame retardant suit (EN469), flame retardant gloves (EN 659) and fire brigade 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 suitable 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 the workers and for emergency interventions.
- 6.2. Environmental precautions.
Prevent the product from entering sewers, surface water, groundwater.
- 6.3. Methods and materials for containment and cleaning up.
Suck up the leaked 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 place affected by the leak. Check for any incompatibilities for the container material in section 7. The 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 given in sections 8 and 13.

SECTION 7. Handling and storage.

- 7.1. Precautions for Safe Handling.
Handle the product after consulting all the other sections of this safety data sheet. Avoid the dispersion of the product in 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.
Keep only in the original container. Keep the containers closed, in a well-ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, checking section 10.
- 7.3. Specific end uses.
Information not available.

SECTION 8. Exposure controls / personal protection.

8.1. Control parameters.

Normative requirements:

DEU	Deutschland	MAK-und BAT-Werte-Liste 2012
ESP	España	INSHT - Límites de exposición profesional para agentes químicos en España 2015
BETWEEN	France	JORF n ° 0109 du 10 mai 2012 page 8773 texte n ° 102
GBR	United Kingdom	EH40 / 2005 Workplace exposure limits
ITA	Italy	Legislative Decree 9 April 2008, n.81
POL	Polska	ROZPORZĄDZENIE MINISTRA PRACY I POLITYKI SPOŁECZNEJ z dnia 16 grudnia 2011r Directive
EU	OEL EU	2009/161 / EU; Directive 2006/15 / EC; Directive 2004/37 / EC; Directive 2000/39 / EC. ACGIH
	TLV-ACGIH	2014

HYDRATED LIME

Threshold limit value.

Guy	State	TWA / 8h	STEL / 15min
		mg / m3	mg / m3 ppm
VLA	ESP	5	
VLEP	BETWEEN	5	
WEL	GBR	5	
NDS	POL	2	
OEL	EU	5	
TLV-ACGIH		5	

SECTION 8. Exposure controls / personal protection. ... / >>

ETHANOLAMINE						
Threshold limit value.						
Guy	State	TWA / 8h		STEL / 15min		
		mg / m ³	ppm	mg / m ³	ppm	
AGW	DEU	5.1	2	10.2	4	LEATHER.
MAK	DEU	5.1	2	10.2	4	
VLA	ESP	2.5	1	7.5	3	LEATHER.
VLEP	BETWEEN	2.5	1	7.6	3	LEATHER.
WEL	GBR	2.5	1	7.6	3	LEATHER.
TLV	ITA	2.5	1	7.6	3	LEATHER.
NDS	POL	2.5		7.5		
OEL	EU	2.5	1	7.6	3	LEATHER.
TLV-ACGIH		7.5	3	15	6	

Legend:

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

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 exhaust. Individual protection devices must bear the CE marking which certifies their compliance with current regulations.

Provide an emergency shower with face and eye basin.

HAND PROTECTION

Protect hands with category III work gloves (ref. Standard EN 374).

For the final choice of the material of the work gloves it is necessary to consider: compatibility, degradation, breakage time and permeation. In the case of preparations, the resistance of work gloves to chemical agents must be checked before use as it is not foreseeable. Gloves have a wear time that depends on the duration and method of use.

SKIN PROTECTION

Wear category I professional long-sleeved work clothes and safety footwear (ref. Directive 89/686 / EEC and standard EN ISO 20344). Wash with soap and water after removing protective clothing.

EYE PROTECTION

It is recommended to wear a hooded visor or protective visor combined with airtight goggles (ref. Standard EN 166).

RESPIRATORY PROTECTION

In case of exceeding the threshold value (e.g. TLV-TWA) of the substance or of one or more of the substances present in the product, it is advisable 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 there are gases or vapors of a different nature and / or gases or vapors with particles (aerosols, fumes, mists, etc.), combined filters must be provided.

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

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

ENVIRONMENTAL EXPOSURE CONTROLS.

Emissions from manufacturing 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. Physical

state	pasty
Color	White
Odor	characteristic
Odor threshold.	Unavailable.
pH.	> 10
Melting or freezing point. Initial	Unavailable.
boiling point.	Unavailable.
Boiling range. Flash	Unavailable.
point. Evaporation rate	> 60 ° C.
	Unavailable.
Flammability of solids and	Unavailable.
gases Lower flammability limit.	Unavailable.
Upper flammability limit. Lower	Unavailable.
explosive limit. Upper explosive	Unavailable.
limit. Vapor pressure.	Unavailable.
	Unavailable.
Vapor density	Unavailable.
Relative density.	1,830 Kg / l
Solubility	partially soluble in water Not
Partition coefficient: n-octanol / water:	available.

SECTION 9. Physical and chemical properties. ... / >>

Self-ignition temperature.	Unavailable.
Decomposition temperature.	Unavailable.
Viscosity	Unavailable.
Explosive properties	Unavailable.
Oxidizing properties	Unavailable.
9.2. Other information. VOC	
(Directive 2004/42 / EC): VOC	2.10% - 21.00 g / liter.
(volatile carbon):	0.95% - 9.50 g / liter.

SECTION 10. Stability and reactivity.

- 10.1. Reactivity.
There are no particular risks of reaction with other substances in normal conditions of use.
- 10.2. Chemical stability.
The product is stable under normal conditions of use and storage.
- 10.3. Possibility of hazardous reactions.
In normal conditions of use and storage no dangerous reactions are foreseeable.
- ETHANOLAMINE: can react dangerously with: acrylonitrile, chloroepoxypropane, chlorosulfuric acid, hydrogen chloride, iron-sulfur compounds, acetic acid, acetic anhydride, mesityl oxide, nitric acid, sulfuric acid, strong mineral acid, vinyl acetate, cellulose nitrate.
- 10.4. Conditions to avoid.
None in particular. However, follow the usual precautions towards chemicals.
- ETHANOLAMINE: avoid exposure to air and heat sources.
- 10.5. Incompatible materials. ETHANOLAMINE: iron, strong acids and strong oxidants.
- 10.6. Hazardous decomposition products.
ETHANOLAMINE: nitrogen oxides, carbon oxides.

SECTION 11. Toxicological information.

- 11.1. Information on toxicological effects.
In the absence of experimental toxicological data on the product itself, any health hazards of the product have been assessed on the basis of the properties of the substances contained, according to the criteria established by the reference legislation for classification.
Therefore, consider the concentration of the individual dangerous substances possibly mentioned in sect. 3, to evaluate the toxicological effects deriving from exposure to the product.
- The product causes serious eye damage and can cause corneal opacity, iris injury, irreversible eye coloring.
- HYDRATED LIME
LD50 (Oral). 7340 mg / kg Rat

SECTION 12. Ecological information.

- Use according to good working practices, avoiding to disperse the product in the environment. Notify the competent authorities if the product has reached water courses or if it has contaminated the soil or vegetation.
- 12.1. Toxicity.
Information not available.
- 12.2. Persistence and degradability.
- ETHANOLAMINE
Solubility in water. mg / l 1000 - 10000
Quickly biodegradable.
- HYDRATED LIME
Solubility in water. mg / l 1000 - 10000
- 12.3. Bioaccumulation potential.



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SECTION 12. Ecological information. ... / >>

ETHANOLAMINE

Partition coefficient: n-octanol / water. - 2.3

12.4. Mobility in soil.

ETHANOLAMINE

Partition coefficient: soil / water. - 0.5646

12.5. Results of PBT and vPvB assessment.

On the basis of available data, the product does not contain PBT or vPvB substances in percentage greater than 0.1%.

12.6. Other adverse effects.

Information not available.

SECTION 13. Disposal considerations.

13.1. Waste treatment methods.

Reuse if possible. Product residues are to be considered special hazardous waste. The dangerousness of the waste that partially contains this product must be assessed on the basis of the laws in force.

Disposal must be entrusted to an authorized waste management company, 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. Transport information.

14.1. UN number.

Not applicable.

14.2. UN proper 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. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code.

Not relevant information.

SECTION 15. Regulatory information.

15.1. Standards and legislation on health, safety and environment specific for the substance or mixture.

Seveso category. None.

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

Product.

Point. 3

Substances in the Candidate List (Art. 59 REACH).

None.

SECTION 15. Regulatory information. ... / >>

Substances subject to authorization (Annex XIV REACH).

None.

Substances subject to export notification obligation Reg. (EC) 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 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.

VOC (Directive 2004/42 / EC):

Paints for decorative effects.

VOC expressed in g / liter of ready-to-use product:

Maximum limit:

200.00 (2010)

VOC of the product:

38.43

15.2. Chemical safety assessment.

A chemical safety assessment has not been developed for the mixture and the substances it contains.

SECTION 16. Other information.

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

Acute Tox. 4	Acute toxicity, category 4
Skin Corr. 1B	Skin corrosion, category 1B
Eye Dam. 1	Serious eye damage, category 1
Skin Irrit. 2	Skin irritation, category 2
STOT SE 3	Specific target organ toxicity - single exposure, category 3
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H332	Harmful if inhaled.
H314	It causes serious skin burns and serious eye injuries.
H318	Causes serious eye damage.
H315	Causes skin irritation. It can
H335	irritate the respiratory tract.

LEGEND:

- ADR: European agreement for the transport of dangerous goods by road
- CAS NUMBER: Number of the Chemical Abstract Service
- EC50: Concentration that gives effect to 50% of the population subject to testing
- CE NUMBER: Identification number in EINECS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived no effect level
- EMS: Emergency Schedule
- GHS: Globally Harmonized System for Classification and Labeling of Chemicals
- IATA DGR: Regulations for the transport of dangerous goods of the International Air Transport Association
- IC50: Concentration of immobilization of 50% of the population subject to testing
- IMDG: International maritime code for the transport of dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identification number in Annex VI of the CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal Dose 50%
- OEL: Occupational exposure level
- PBT: Persistent, bioaccumulating and toxic according to REACH
- PEC: Predicted environmental concentration
- PEL: Predictable level of exposure
- PNEC: Predicted No Effect Concentration
- REACH: EC Regulation 1907/2006
- RID: Regulations for the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration which must not be exceeded during any moment of occupational exposure.
- TWA STEL: Short term exposure limit



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SECTION 16. Other information. ... / >>

- TWA: Weighted average exposure limit
- VOC: Volatile organic compound
- vPvB: Very persistent and very bioaccumulating according to REACH
- WGK: Water hazard class (Germany).

GENERAL BIBLIOGRAPHY:

1. Regulation (EU) 1907/2006 of the European Parliament (REACH)
2. Regulation (EU) 1272/2008 of the European Parliament (CLP)
3. Regulation (EU) 790/2009 of the European Parliament (I Atp. CLP)
4. Regulation (EU) 2015/830 of the European Parliament
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)

- 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
- ECHA Agency website

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 construed as a guarantee of any specific property of the product.

Since the use of the product does not fall under our direct control, the user is obliged to observe the laws and regulations in force regarding hygiene and safety under his own responsibility. No responsibility is assumed for improper use.

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

Changes from the previous revision. Changes have been made to the following sections:

01/02/03/08/12/14.