| Cabus Coler Srl 2000 Coles Srl 2000 Coles Spra (BIG) Via del Dossi, 7 Tel. +39 Dis 205141 Fig. 205141 | Cebos Color Srl | Revision n. 1 Revision date 05/07/2017 |
|---|---------------------------|---|
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Safety Data Sheet

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

1.1. Product identifier Code:

Name

SS 04.038 CeboArt Model

1.2. Relevant identified uses of the substance or mixture and uses advised against Description / Use Lime-based decorative coating for interiors.

1.3. Information on the supplier of the safety data sheet Business

name Cebos Color Srl

Address Via Dei Dossi n. 7 24040 Location and State OSIO SOPRA (BG) ITALY

> tel. (+39) 035 265141 fax (+39) 035 2651431

e-mail of the competent person,

responsible for the safety data sheet carlo@cebos.it
Responsible for placing on the market: Cebos Color Srl

1.4. Emergency telephone number For

urgent information contact Poison Control Centers (CAV): Milan Tel. (+39) 02 66101029; Rome Tel. (+39) 06 3054343;

Naples Tel. (+39) 081 7472870; Catania Tel. (+39) 095 7594120.

Technical information: Cebos Color Tel. (+39) 035 265141 (Mon-Fri 8.30 / 12.30 -

13.30 / 18.00)

SECTION 2. Hazards 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 (EC) 1907/2006 and subsequent amendments.

Any additional information regarding risks to health and / or the environment are given in sections. 11 and 12 of this sheet.

Hazard classification and indications:

Serious eye damage, category 1 H318 Causes serious eye damage. Skin irritation, category 2 H315 Causes skin irritation.

2.2. Label elements

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

Hazard pictograms:



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Warnings: Danger

Hazard statements:

H318 Causes serious eye damage. H315 Causes skin irritation.

Precautionary advice:

P101 If you need to consult a doctor, have the container or the label of the product available. Keep out of

P102 reach of children.

P280 Wear personal protective equipment / face protection.

P302 + P352 IN CASE OF CONTACT WITH SKIN: wash thoroughly with soap and water

P305 + P351 + P338 IN CASE OF CONTACT WITH THE EYES: rinse thoroughly for several minutes. Remove any contact lenses if easy to do.

Consult a physician

P313 Consult a physician.

Contains: HYDRATED LIME

VOC (Directive 2004/42 / EC):

Paints for decorative effects.

VOC expressed in g / liter 21.00

of ready-to-use product:

Maximum limit: 200.00

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:

The full wording of the hazard statements (H) is given in section 16 of the sheet.

Identification x = Conc.% Classification 1272/2008

(CLP)

HYDRATED LIME

CAS 1305-62-0 6 ≤ x <7 Eye Dam. 1 H318, Skin Irrit. 2

H315, STOT SE 3 H335

THERE IS 215-137-3



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INDEX -

Reg. No. 01-2119475151-45-0174

ETHANOLAMINE

CAS 141-43-5

 $0 \le x < 0.05$

Acute Tox. 4 H302, Acute Tox. 4 H312, Acute Tox. 4 H332, Skin Corr. 1B H314, STOT SE 3 H335

THERE IS 205-483-3

INDEX 603-030-00-8

Reg. No. 01-2119486455-28

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 $\,$

No specific information on symptoms and effects caused by the product is known.

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

Information not available

SECTION 5. Firefighting measures

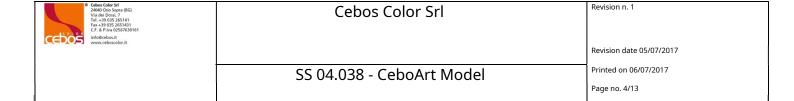
5.1. Fire fighting

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 INFORMATIONS

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.

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

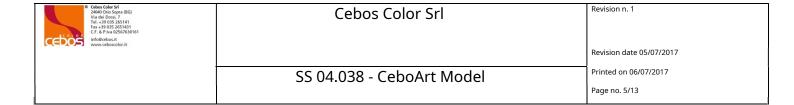
Suck up the leaked product into a suitable container. If the product is flammable, use explosion-proof equipment. Evaluate the compatibility of the container to be used with the product, checking section 10. Absorb the remainder with inert absorbent material.

Provide sufficient ventilation of the place affected by the leak. 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

GBR

POL

2

8.1. Control parameters

Normative requirements:

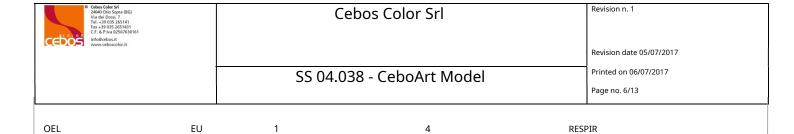
HYDRATED LIME

WEL

NDS

| 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 no.81 of 9 April 2008 |
| POL | Polska | ROZPORZĄDZENIE MINISTER PRACY I POLITYKI SPOŁECZNEJ z dnia 16 |
| | | grudnia 2011r |
| PRT | Portugal | Ministério da Economia e do Emprego Consolida as prescrições mínimas em |
| | | matéria de protecção dos trabalhadores contra os risos para a segurança and |
| | | saúde devido à exposição a agentes químicos no trabalho - Diaro da Republica |
| | | I 26; 2012-02-06 |
| EU | OEL EU | Directive (EU) 2017/164; Directive 2009/161 / EU; Directive 2006/15 / EC; |
| | | Directive 2004/37 / EC; Directive 2000/39 / EC; Directive 91/322 / EEC. ACGIH |
| | TLV-ACGIH | 2016 |

| Threshold limit value Guy | State | TWA / 8h | | STEL / 15min | |
|------------------------------|---------|----------|-----|--------------|-----|
| | | mg / m3 | ppm | mg / m3 | ppm |
| VLA | ESP | 5 | | | |
| VLEP | BETWEEN | 5 | | | |



| ETHANOLAMINE | | | | | | | |
|-----------------------|---------|----------|----------|---------|--------------|---------|--|
| Threshold limit value | | | | | | | |
| Guy | State | TWA / 8h | TWA / 8h | | STEL / 15min | | |
| | | | | | | | |
| | | mg / m3 | ppm | mg / m3 | 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 | |
| VLEP | ITA | 2.5 | 1 | 7.6 | 3 | LEATHER | |
| NDS | POL | 2.5 | | 7.5 | | | |
| VLE | PRT | 2.5 | 1 | 7.6 | 3 | LEATHER | |
| OEL | EU | 2.5 | 1 | 7.6 | 3 | LEATHER | |
| TLV-ACGIH | | 7.5 | 3 | 15 | 6 | | |

Legend:

TLV-ACGIH

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

5

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.

For the choice of personal protective equipment, if necessary, seek advice from your chemical suppliers. Personal protective equipment must bear the CE mark 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 II 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 (eg TLV-TWA) of the substance or of one or more of the substances present in the product, it is recommended to wear a mask with a type B 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 in case 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 opencircuit 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.



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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 > 10 рΗ Unavailable Melting or freezing point Initial Unavailable boiling point 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

1.80 Relative density

Solubility partially soluble in water Not

Partition coefficient: n-octanol / water: Autoavailable Unavailable ignition temperature Unavailable Decomposition temperature Viscosity Unavailable Explosive properties Unavailable Unavailable Oxidizing properties

9.2. Other information

VOC (Directive 2004/42 / EC): 2.10% - 21.00 g / liter VOC (volatile carbon): 0.43% - 7.76 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



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In normal conditions of use and storage no dangerous reactions are foreseeable.

ETHANOLAMINE

It can react dangerously with: acrylonitrile, chloroepoxypropane, chlorosulfuric acid, hydrogen chloride, iron-sulfur compounds, acetic acid, acetic anhydride, mesityl oxide, nitric acid, sulfuric acid, strong acids, vinyl acetate, cellulose nitrate.

10.4. Conditions to avoid

None in particular. However, follow the usual precautions towards chemicals.

ETHANOLAMINE

Avoid exposure to: air, heat sources.

10.5. Incompatible materials

ETHANOLAMINE

Incompatible with: iron, strong acids, strong oxidants.

10.6. Hazardous decomposition products

ETHANOLAMINE

It can develop: nitrogen oxides, carbon oxides.

SECTION 11. Toxicological information

11.1. Information on toxicological effects

Metabolism, kinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects and chronic effects from short and long term exposure

Information not available Interactive effects

Information not available_

ACUTE TOXICITY

LC50 (Inhalation) of the mixture: Not classified (no relevant component) LD50 (Oral) of the mixture: Not classified (no relevant component) LD50 (Dermal) of the mixture: Not classified (no relevant component)

HYDRATED LIME

7340 mg / kg Rat



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LD50 (Oral)

SKIN CORROSION / SKIN IRRITATION Causes skin

irritation

SERIOUS EYE DAMAGE / EYE IRRITATION Causes

serious eye damage <u>RESPIRATORY OR SKIN</u>

SENSITIZATION

It does not meet the classification criteria for this hazard class_

MUTAGENICITY ON GERMINAL 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

SPECIFIC TARGET ORGAN TOXICITY (STOT) - SINGLE EXPOSURE It does not meet the classification criteria for this hazard class

SPECIFIC TARGET ORGAN TOXICITY (STOT) - REPEATED EXPOSURE It does not meet the

classification criteria for this hazard class DANGER IN CASE OF SUCTION

It does not meet the classification criteria for this hazard class

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 1000 - 10000 mg / l

Quickly degradable

HYDRATED LIME

Solubility in water 1000 - 10000 mg / l

12.3. Bioaccumulation potential

ETHANOLAMINE

Partition coefficient: n-- 2.3

octanol / water

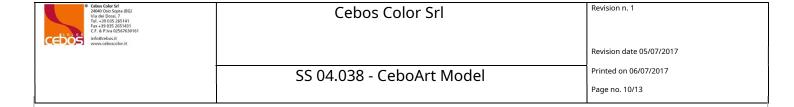
12.4. Mobility in soil

ETHANOLAMINE

Partition coefficient: soil / - 0.5646

water

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

| The product is not to be considered dangerous pursuant to the provisions in force on the transport of dangerous goods by road (ADR), by ra (IMDG Code) and by air (IATA). | ાંl (RID), by sea |
|--|-------------------|
| 14.1. UN number | |
| | |

14.2. UN proper shipping name

Not applicable

Not applicable

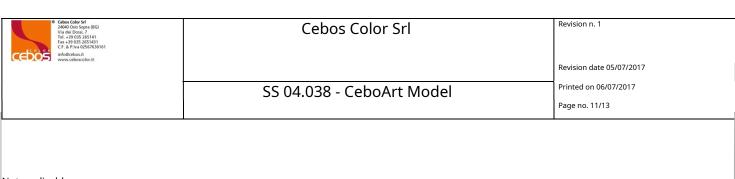
14.3. Transport hazard classes

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards



Not applicable

14.6. Special precautions for users

Not applicable

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not relevant information

SECTION 15. Regulatory information

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

Seveso Category - Directive 2012/18 / EC: None

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

<u>Product</u>

Point

Substances in Candidate List (Art. 59 REACH)

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

3

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.



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VOC (Directive 2004/42 / EC):

Paints for decorative effects.

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 Skin Corr. 1B corrosion, category 1B Serious Eye Dam. 1 eye damage, category 1 Skin

Skin Irrit. 2 irritation, category 2

STOT SE 3 Specific target organ toxicity - single exposure, category 3 Harmful if

H302 swallowed.

H312 Harmful in contact with skin.

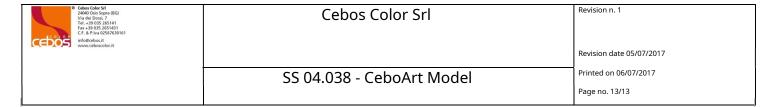
H332 Harmful if inhaled.

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 ESIS (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 that must not be exceeded during any moment of occupational exposure.
- TWA STEL: Short term exposure limit
- 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 (EC) 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)
- 10. Regulation (EU) 2015/1221 of the European Parliament (VII Atp. CLP)
- 11. Regulation (EU) 2016/918 of the European Parliament (VIII 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 National Institute of Health

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 for personnel assigned to use chemical products.