

COSHH Risk Assessment Form

Ref No:
HSC17

Describe the activity or work process.

Workshop use, Service work Coffee machines
(PROCESS AS PER MANUFACTURERS INSTRUCTIONS)

Location of process being carried out?

WORKSHOPS ENGINEERS, CUSTOMER OUTLETS

Identify the persons at risk:

Employees

☒

Retail Staff

☒

Public

☐

Name the substance(s) involved in the process:

ECO CLEANER POWDER

Quantities Used:

APPLY RECOMMENDED DOSAGE PER WASH DEPENDING ON MACHINE/CONDITION

Approved Method of Use, including Frequency of Use:

AS PER MANUFACTURERS INSTRUCTIONS:
FORENZ DINO
VIA XXV APRILE 4/B
200 30 SENAGO (MI) – ITALIA
TEL 02 9981050
For urgent inquiries refer to CAV Hospital Niguarda Milan 0039 02 66101029

Approved Use:

Detergent for Coffee machine repair, General use

GHS Classification (state the category of danger)

Explosive


☒ N

Gas under pressure


☒ N

Serious health hazard


☒ N

Health hazard/Hazardous to the ozone layer


☒ Y

Flammable


☒ N

Hazardous to the environment


☒ N

Acute toxicity


☒ Y

Corrosive


☒ Y

Oxidising


☒ N

Y = YES, N = NO

Hazard Type

☐

Gas

☐

Vapour

☐

Mist

☐

Fume

☒

Dust

☐

Liquid

☐

Solid

☐

Other (State) **POWDER**

Route of Exposure

☒

Inhalation

☒

Skin

☒

Puncture

☒

Ingestion

☒

Other

(State) EYE SENSITIVE

Workplace Exposure Limits (WELs) please indicate n/a where not applicable

Long-term exposure level (8hrTWA):

CONTAINED IN DATA SHEET

Short-term exposure level (15 mins):

CONTAINED IN DATA SHEET

What are the risks to Health from the process /tasks? (look at the H and P codes on the data sheet)			
POTENTIAL HEALTH EFFECTS/SYMPTOMS: - Causes severe skin burns and eye damage. - Harmful swallowed. - Causes serious eye damage. - May be corrosive to metals. - Causes severe skin burns and eye damage.			
What Personal Protective Equipment is used ? (state type and standard)			
 ☐ Dust mask		 ☐ Visor	
 ☐ Respirator	An approved mask or respirator fitted with an organic vapour cartridge should be worn <u>if the product is used in a poorly ventilated area or exceeds daily exposure</u>	 ☒ Y Eye wear	AVOID EYE CONTACT
 ☒ Y Gloves		 ☐ Overalls	
 ☐ Footwear		 ☒ Y Other	Ventilation No Eating or Drinking whilst product in use, not to be used near flames NO SMOKING
Assessment of the process/task			
List the summary of controls already in place and identify any gaps			
WEAR GLOVES AND SAFETY GLASSES. CHANGE SOILED CLOTHING AS SOON AS POSSIBLE. OPEARTAE IN VENTILATED AREA Do not breathe vapour/spray. Hand protection: Wear protective gloves EN 374 Rubber gloves are recommended. If signs of wear and tear are noticed then the gloves should be replaced. Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Eye Protection: Wear protective glasses. Protective eye equipment should conform to EN166. Goggles/face shield are recommended. Avoid contact with eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Skin Protection: Wear suitable protective clothing. Wear appropriate clothing to prevent reasonably probable skin contact, gloves and eye/face protection. After contact with skin, wash immediately with plenty of water. - An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area or in case of exceeding the threshold value for one or more of the substances present in the preparation for daily exposure in the workplace or to a fraction established by the service of prevention and protection business Good ventilation: Ensure good ventilation at the workplace through effective local aspiration with an exhaust. If these steps do not keep the concentration of the product below the exposure limit values in the workplace, wear suitable protection for the respiratory tract. See product label for hazard details. Ensure that safety showers and eye wash facilities are located in the vicinity of places where users eyes or skin can get in contact with the product.			
Handling and Storage			
Precautions for safe handling: Read and follow manufacturer's recommendations. Avoid contact with skin and eyes. Keep away from food and drink. Do not swallow the product. Handle in accordance with good industrial hygiene and safety practice. Provide adequate ventilation of the place of use. Handle with extreme caution. Avoid contact with skin, eyes and do not breathe dust. Avoid generation of static charges by providing the grounding of the equipment. Avoid formation of dust. Before the transfer operations, make sure that in the containers there are no incompatible materials residue. Wear appropriate personal protective equipment Hygiene measures: Good industrial hygiene practices should be observed. Wash hands after handling. Wash hands before work breaks and after finishing work. Do not eat, drink or smoke while working. Conditions for safe storage, including any incompatibilities: Store in a cool, well ventilated place and away from direct sunlight. Keep away from sources of ignition, flames and sparks. Avoid generation of static electricity. Avoid formation of dust. Store in airtight containers and labelled. Store in an area well-ventilated. Store at room temperature between 5 ° C and 40 ° C. Store away from incompatible materials such as acids, alkalis, aluminium, zinc, tin, copper and their alloys, metals, metal salts, acids, alkalis, reducing agents. For full details refer to MSDS sheet. Keep away from food, drink and animal feeding stuffs. Store in closed original container in a locked cupboard - IN SEALED CONTAINERS. BULK QUANTITIES TO BE STORED WITH OTHER LUBRICANTS, IN LOCKED CUPBOARD AVOID MOIST AIR & MIXING WITH ACIDS.			

Stability and reactivity

- **Reactivity:** There are no particular risks of reaction with other substances in normal conditions of use. It may be corrosive towards metals. Reacts with reducing agents and acids.
- **Chemical stability:** The product is stable in normal conditions of use and storage.
- **Conditions to avoid:** Observe the usual precautions against chemicals. Avoid overheating, electrostatic discharge and all sources of ignition. Do not expose to moisture.
- **Incompatible materials** SODIUM PERCARBONATE: decomposition catalysts, metals, metal salts, acids, alkalis, reducing agents. Reaction with reducing agents. SODIUM CARBONATE: reacts with acids. DISODIUM METASILICATE : Avoid contact with aluminium, zinc, tin, copper and their alloys

Now rate the overall rating with the controls you have listed

High

N

Medium

N

Low

Y

List the new controls that need to be in place to give adequate control (*consider the need for monitoring as well as changes to the task or substitution of chemicals used*)

Review assessment periodically

Final check: Has the risk rating been reduced to as low as possible with the new controls?

yes

Y

Note any monitoring that may be needed.....

Emergency Plans and procedures (this will apply to carcinogens, mutagens or similar health risks)

First aid measures

Are plans in place to deal with first aid measures?

Yes

Y

N/a

☐

Replace immediately all contaminated clothing. In case of danger of loss of consciousness, place and carry on its side in a stable position; possible artificial respiration. Rescuers have to worry about their own safety. Ensure that eyewash facilities and safety showers are close to the workplace.

- **Inhalation:** Move the subject to fresh air and keep at rest. If breathing is irregular, seek medical advice immediately. Keep the casualty in the recovery position. Loosen tight clothing such as ties, collars, belt or waistband
- **Skin Contact:** Take off contaminated clothing as soon as possible. Immediately wash with mild soap and water interested areas of the body, even if only suspected. Consult a doctor immediately. Wash contaminated clothing before reuse.
- **Eye contact:** Wash immediately with plenty of water for at least 15 minutes, holding the eyelids apart, protect the eyes with sterile gauze or a clean handkerchief dry. Remove eye lenses, if present. Consult a physician/doctor immediately.
- **Ingestion:** Rinse mouth immediately with water. Remove dentures if any. Consult your doctor immediately. Keep the patient at rest in a position comfortable for breathing. Do not induce vomiting. If vomiting comes spontaneously, keep airway clear. Never give anything by mouth to an unconscious person unless authorized by the physician.
- **Indication of any immediate medical attention and special treatment needed:** In case of accident or if you feel unwell, seek medical advice immediately and follow the instructions. If possible, show the safety data sheet.

Firefighting measures

Are plans in place to deal with firefighting measures?

Yes

Y

N/a

☐

Extinguishing media

The product is oxidizing and in contact with combustible material may cause fire. On contact with hot surfaces or flames decomposes, with the risk of release of substances that increase the dangers of a fire.

SUITABLE EXTINGUISHING MEDIA

Extinguishing media which are the conventional kind: carbon dioxide, alcohol-resistant foam, powder and nebulised water. For product leaks and spills that have not caught fire, nebulized water may be used to disperse the flammable vapours and protect the people involved in stopping the leakage.

NOT SUITABLE EXTINGUISHING MEDIA

Do not use water jet. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

Accidental release measures

Are plans in place to deal with spillages or emergencies?

Yes

☒

N/a

☐**Personal precautions, protective equipment and emergency procedures:**

Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) From the area where the leak occurred. Avoid generation of static electricity. Stop leak if safe to do so. Avoid formation of dust. Do not breathe dust. Do not handle damaged containers or the leaked product before donning appropriate protective gear. Remove unprotected persons. For information on risks for the environment and health, protection of the respiratory airways, ventilation and individual protective measures, refer to Data Sheet.

Environmental precautions

Prevent product from entering drains, surface water, ground water and neighbouring areas. In the case of seepage into water course or sewage alert the relevant authorities.

Methods and material for containment and cleaning up

Avoid formation of dust. In case of spillage collect in suitable container (made of material not incompatible with the product). Remove most of the resulting material with non-sparking tools and deposit it in containers for disposal. Eliminate the rest using jets of water if there are no contraindications. Ensure adequate ventilation of the area affected by the loss. Disposal of contaminated material, see Data Sheet

Waste disposal

Has waste disposal been considered and established?

Yes

☒

N/a

☐

- Gather in accordance with local Legislation and as per Data Sheet (recycle when possible). Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorized waste management, in compliance with national and local regulations.
- Contaminated packaging must be recovered or disposed in compliance with national and local waste regulations

Is there a requirement to carry out health surveillance?

Not required.

Yes

☐

No

☒**Information attached should be sent to and read by anyone who uses this**

Assessed by: G Diggett

Date 20/11/2024

Review Date 31/12/2025

The information above is based on the present state of our knowledge. It is believed to be correct and should be used as a guide.

Make sure that this assessment and any procedures are brought to the attention of all users.

The information required to complete this form should be on the product label. If it is not, please contact the supplier who is required by law to supply this information.