




Product name and description:	
Product classification: (in concentrate form)	
Product classification: (when diluted and in use)	N/A
PPE required (diluted):	
PPE required (concentrated):	

Carbon Dioxide - Carbon Dioxide Food Grade; Carbonated drinks dispenser; used in alcoholic and non-alcoholic beverages
Signal Word : Warning 
Contains gas under pressure; may explode if heated 
Contact with evaporating liquid may cause frostbite or freezing of skin. <i>You MUST refer to the CPAs & Task Cards for your PPE requirements.</i>
N/A
Eye/face protection (EN 166) : Safety Glasses or face-shield Hand protection (EN 388) : Protective gloves against mechanical risks Other: Safety Footwear (ISO 20345)

Activity time per shift:	30 minutes	
Users:	Only trained personnel	
Frequency of use or task:	Hourly	
	Daily	
	Weekly	
	Monthly	
	Infrequent	X
Persons exposed:	Users and persons in vicinity	
Susceptible workers:	N/A	

Dilution: YES No <input checked="" type="checkbox"/>
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Procedure – Checking and changing the CO₂ cylinder	
Stage 1	Follow manufacturer’s instructions for storing, using and maintaining of the product.
	Refer to the <u>CO₂ & N₂ 40 (Suremix 60) Changing the Cylinders Task Card for full details on how to change the cylinders.</u>
	<u>When removing/changing cylinders, ensure that correct PPE is used at all time.</u>

First Aid Information:

Product Concentrated

Eye contact	Rinse the eye with water immediately. Remove contact lenses, if present and easy to do. Continue rinsing. Flush thoroughly with water for at least 15 minutes. Get immediate medical assistance. If medical assistance is not immediately available, flush an additional 15 minutes.
Skin contact	Contact with evaporating liquid may cause frostbite or freezing of skin. Thaw frosted parts with lukewarm water. Do not rub affected area. Get immediate medical advice/attention.
If inhaled	In high concentrations may cause asphyxiation. Symptoms may include loss of mobility/consciousness. Victim may not be aware of asphyxiation. Remove victim to uncontaminated area wearing self contained breathing apparatus. Keep victim warm and rested. Call a doctor. Apply artificial respiration if breathing stopped. Low concentrations of CO ₂ cause increased respiration and headache.
If swallowed	Ingestion is not considered a potential route of exposure.

Firefighting measures:
Special requirements:

Material will not burn. In case of fire in the surroundings: use appropriate extinguishing agent

Store in a well-ventilated place. Containers should not be stored in conditions likely to encourage corrosion. Stored containers should be periodically checked for general conditions and leakage. Container valve guards or caps should be in place. Store containers in location free from fire risk and away from sources of heat and ignition. Keep away from combustible material.

Accidental Release Measures

- If an accidental release occurs ensure people and colleagues are moved away.
- Ensure the spill is dealt with by trained colleagues (i.e. know how to deal with spills and how to use spill kits) and wear appropriate PPE.
- Follow the Immediate **Spill Response Plan** contained within the **Environment Toolkit** and the **Unit Managers Emergency Manual**.
- If you have any queries please contact your **HSE Manager** or the **HSE Helpline** on **0121 457 5194**.