

COSHH Assessment for Map 2 Gas

Substance / material | Map 2 Gas (Vortex Mix Pro (High Temperature Gas Mix))

Suppliers address and phone number | Arctic Hayes Limited Glover Way Leeds LS11 5JP. 0113 271 5245

Contents / ingredients of product | Propylene, Isobutane, Propane.

Is there a work exposure limit

Yes No

Duration

Where the product's used

Outside	<input checked="" type="checkbox"/>	Inside well ventilated	<input checked="" type="checkbox"/>	Inside poorly ventilated	<input type="checkbox"/>	Confined space	<input type="checkbox"/>
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How the products used

Mixing	<input type="checkbox"/>	Pouring	<input type="checkbox"/>	Spraying	<input checked="" type="checkbox"/>	Brushing	<input type="checkbox"/>	Applying by hand / hand tools	<input type="checkbox"/>	Loading out	<input type="checkbox"/>
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Product hazard levels

High	<input checked="" type="checkbox"/>	Medium	<input type="checkbox"/>	Low	<input type="checkbox"/>	Product state	Solid	<input type="checkbox"/>	Liquid	<input type="checkbox"/>	Gas	<input checked="" type="checkbox"/>
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Flammable



Oxidising



Gas under pressure



Explosive



Very toxic



Corrosive



Serious health hazard



Health hazard/irritant



Danger to environment



PPE

Gloves



Glasses



Goggles



Face shield



Footwear



PPE Clothes



Dust mask



FFP2 mask



FFP3 mask



Respirator



Noise



Outside	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inside well ventilated	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inside poorly ventilated	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Confined space	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Is the substance hazardous to health when:

Breathed in Swallowed In contact with skin In contact with eyes Other. Please specify

Health risks / Personal Protective Equipment:

Protection of Hands: Chemical-resistant, impervious gloves or gauntlets complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Protection of Eyes: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

Protection of Respiratory Tract: Use a properly fitted, air purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Protection of Body: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Neoprene and Nitrile (NBR)

First aid and emergency measures:



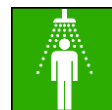
Emergency services



First aider



First aid box



Shower



Eye wash



Wash affected area



Boot wash

First aid details:

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Contact lenses should be removed if safe to do so. Obtain medical attention without delay, preferably from an ophthalmologist.

Skin contact: Immediately warm frostbite area with warm water (not to exceed 40.5°C, 105°F). Remove contaminated clothing and shoes. Wash clothing before re-use. Thoroughly clean shoes before re-use. Seek medical attention.

Inhalation: Remove subject to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek medical attention

Storage / Spillage and environmental:

Cylinders should be stored upright, with valve protection cap in place and firmly secured to prevent falling or being knocked over. Cylinder temperatures should not exceed 52°C (125°F).

Keep container closed. Use only with adequate ventilation.

Keep away from heat, sparks and flame. To avoid fire, minimize ignition sources.

Use explosion-proof electrical (ventilation, lighting and material handling) equipment. Do not puncture or incinerate container. High pressure gas.

Use equipment rated for cylinder pressure. Close valve after each use and when empty.

Protect cylinders from physical damage; do not drag, roll, slide or drop.

Use a suitable hand truck for cylinder movement.

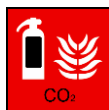
Fire and Explosion Protection Do not handle, store or open near an open flame, sources of heat or ignition.

This product does not contain any substance classified as hazardous for the environment; it is however good practice to use it according to good operational codes and avoiding product dispersion in the environment.

Product Disposal: The product and contaminated packaging should be handed over to qualified and authorised waste contractors for disposal as hazardous waster. Do not compact product to be disposed of nor damage product containers. For product to be disposed of, observe same safety regulations as for new product and, in a special way, do not pierce nor incinerate containers.



Water



Carbon Dioxide



Dry powder



Foam



Fire blanket



Raise alarm



Fire details:

Carbon Dioxide, water, appropriate foam or dry material

Document author:

Alison Meredith

Signed:

Alison Meredith

Date:

03.03.22