














| | | COSHH Assessment | | | Date: | 20/11/17 | | |
|---|---|---|--|---|--|---|---|---|
| | | | | | Review Date: | 20/11/18 | | |
| Substance used: | | Diesel | | | | | | |
| Manufacturer: | | Various | | | | | | |
| Description of product: | | Pinkish/Red Liquid used to fuel diesel engines. | | | | | | |
| Emergency telephone number | | 01865 407333 (Anti Poison Centre Emergency No-24 Hours). | | | | | | |
| Location of process | | Various | | | | | | |
| Activity being carried out? | | Greasing/servicing scaffolding fittings. Refuelling forklift. | | | | | | |
| Identify the persons at risk: | | | Employees (including trainees) <input checked="" type="checkbox"/> | Contractors <input checked="" type="checkbox"/> | Public <input checked="" type="checkbox"/> | | | |
| Describe the activity or work process. (Include how long and how often this is carried out and the quantity of substance used. | | | Refueling of plant and machinery. 5 – 100l dependant on type of plant being refueled Daily | | | | | |
| Classification under CHIP/CLP | | | | | | | | |
|  |  |  |  |  |  |  |  |  |
| Corrosive | Environment Hazard | Explosive | Flammable | Long Term Hazard | Harmful/irritant | Oxidising | Toxic | Pressurised Container |
| | | | | | | | | |
| Hazard Type | | | | | | | | |
| Gas | Vapour | Mist | Fume | Dust | Liquid | Solid | Other | |
| | | | | | | | | |
| Route of Exposure | | | | | | | | |
| Inhalation | | Absorption | | | Ingestion | | Injection | |
| | | | | | | | | |
| Workplace Exposure Limits (WELs) please indicate n/a where not applicable | | | | | | | | |
| Long-term exposure level (8hrTWA): 5mg/m3 | | | | | Short-term exposure level (15 mins): 10mg/m3 | | | |
| State the Risks to Health from Identified Hazards | | | | | | | | |
| <p>Inhalation: Serious lung injury may occur if droplets of diesel are inhaled e.g. if vomiting occurs after ingestion.</p> <p>Ingestion: Diesel is possibly carcinogenic to humans (causes cancer). Category 3 Carcinogen.</p> <p>Skin Contact: Irritating to the skin</p> <p>Eye Contact: Irritating to the eyes.</p> <p>Environment: Dangerous for the environment. Inform Environment Agency of substantial incidents</p> <p>Control Measures: (for example extraction, ventilation, training, supervision). Take account of those substances that are produced from activities undertaken by another employer's employees.</p> <p>Inhalation: Use in well ventilated areas.</p> <p>Ingestion: If swallowed, immediately call a poison centre or doctor. Drink plenty of water. Do not induce vomiting.</p> <p>Eyes: Wear appropriate eye protection</p> <p>Skin: Cover up exposed skin, and wear suitable gloves</p> | | | | | | | | |
| Personal Protective Equipment | | | | | | | | |
|  | Use in well ventilated areas. | | |  | Hydrocarbon Proof/nitrile rubber gloves | | | |
|  | Safety glasses with side shields | | |  | Hydrocarbon proof Coveralls | | | |



Irritaant to skin and eyes.

First Aid Measures

General information: You should remove yourself from the source of exposure.

After inhalation: If you have inhaled diesel you should seek medical advice.

After skin contact: If you have got diesel on your skin, remove soiled clothing, wash the affected area with lukewarm water and soap for at least 10 – 15 minutes and seek medical advice.

After eye contact: If you have got diesel in your eyes, remove contact lenses, irrigate the affected eye with lukewarm water for at least 10 – 15 minutes and seek medical advice.

After swallowing: If you have ingested diesel do not make yourself sick. If you have ingested a small amount of diesel and you do not have any symptoms (choking, coughing, vomiting) you should be observed at home under supervision for 6 hours. If you do develop any symptoms you should attend hospital.

Storage & Handling

Handling: Prevent the formation of vapours, mist and aerosols.

Handle in well-ventilated premises.

Keep the product away from food and beverages.

Operations involving the inspection, cleaning and maintenance of storage containers require the application of strict procedures and must be entrusted to qualified specialist personnel only.

DO NOT SMOKE.

AVOID INHALING VAPOURS.

AVOID CONTACT WITH THE SKIN AND MUCOUS MEMBRANES.

NEVER ATTEMPT TO PRIME THE CONTAINER SIPHON BY SUCKING WITH THE MOUTH.

WEAR SUITABLE PROTECTION AND PROTECTIVE CLOTHING.

Never weld, drill, grind, cut or saw any empty container.

Storage: Prevent any build-up of static electricity.

Make the necessary arrangements to prevent water and soil pollution.

Don't withdraw the danger labels of the containers (even if they are empty).

Storage precautions: - Suitable:

Store packaged product (drums, samples, cans...) in well-ventilated areas.

STORE AT AMBIENT TEMPERATURE, away from water, moisture, heat, and any source of ignition.

Disposal of Substances & Contaminated Containers

Waste disposal: The recommended method is recycling or incineration at an approved installation.

Disposal of contaminated packaging: Empty packagings may contain flammable or explosive vapours.

Disposal via an authorised waste contractor.

Fire Fighting Measures

Fire • Flammable • Mixtures of diesel vapour and air may be explosive • Use foam and liquid-tight protective clothing with breathing apparatus.

Water

AAAF

X

CO₂

Dry Powder

X

This assessment must be shown to all operatives working with this substance

Is exposure adequately controlled?

Yes

No

Risk Rating Following Control Measures

Low