



COSHH Assessment Form

This assessment **only addresses the risk of harm to health** from the substances listed. Additional risk assessments may be required to control the risk from other hazards associated with this work/the procedures used.

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|---|---|
| Assessor (print) ⁽¹⁾ Graham Barker | Employer/Supervisor ⁽²⁾ Mobitech Lift Trucks |
| Assessment Date ⁽³⁾ 06/04/2020 | Dates reviewed ⁽⁴⁾ |

HAZARDS IDENTIFIED

*If the substance has a R45 or R49 risk phrase or a H350 or H350i hazard statement, it must also be registered on your personal carcinogen return (at Occupational Health) *where exposure is not adequately controlled*.

| Substance ⁽⁵⁾ | Hazardous Properties ⁽⁶⁾ <i>(Provide details of how the substance could cause harm, e.g. harmful by inhalation, skin contact, flammable, carcinogen, allergen, etc)</i> | Quantity ⁽⁷⁾ <i>(Indicate how much of the substance will be used)</i> |
|--|--|--|
| Product name XEP 80W-90 Product number 7070 | Inhalation, Ingestion, Skin contact, Eye contact, Avoid heat, flames and other sources of ignition | As Per service and maintenance requirements |

Additional information ⁽⁸⁾

- Workplace Exposure Limits:
- R-phrases:
R22 Harmful if swallowed.
R34 Causes burns.
R43 May cause sensitization by skin contact.
R23/24 Toxic by inhalation and in contact with skin.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- S-phrases Not Classified



- H and P statements:
 - H302 Harmful if swallowed.
 - H311 Toxic in contact with skin.
 - H314 Causes severe skin burns and eye damage.
 - H317 May cause an allergic skin reaction
 - H318 Causes serious eye damage.
 - H330 Fatal if inhaled.
 - H400 Very toxic to aquatic life.
 - H410 Very toxic to aquatic life with long lasting effects.
 - H412 Harmful to aquatic life with long lasting effects.
 - EUH208 Contains Long-chain alkyl amine. May produce an allergic reaction.
- P273 Avoid release to the environment.
- P501a Dispose of contents/container to hazardous or special waste collection point.

Emergency Procedures⁽⁹⁾

- Eye contact
Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.
- Skin Contact
Remove contaminated clothing immediately and wash skin with soap and water.
- Inhalation:
If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
- Ingestion:
Get medical attention if any discomfort continues. Do not induce vomiting.
- Spill procedure:
Contain spillage with sand or earth. Collect spillage for reclamation or disposal in sealed containers via a licensed waste contractor. Avoid water contacting spilled material or leaking containers. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

What will the chemical be used for?

Gear oil. Lubricant.

Who may be exposed? ⁽¹⁰⁾

Service Engineers / Stores Persons



METHODS OF PREVENTION OR CONTROL OF EXPOSURE

(select all that apply by circling/ticking/highlighting the appropriate statement)

| | |
|--|--|
| 1. Engineering controls required⁽¹¹⁾ <ul style="list-style-type: none"> total containment fume cupboard local exhaust ventilation blast screen | 2. Access control⁽¹²⁾ <ul style="list-style-type: none"> Restricted to competent personnel Special containment facility (give specific area): workshop environment only. |
| 3. Special procedures⁽¹³⁾ <ul style="list-style-type: none"> Standard Operating Procedure (SOP) required <input type="checkbox"/> Code of practice, local rules, etc | 4. Approved PPE⁽¹⁴⁾ (Note: PPE is to be used as the 'last resort' when controlling exposure) <ul style="list-style-type: none"> gloves etc (specify type) latex eye protection (specify type) Type B safe Glasses laboratory coat/overalls (specify type) company supplied |

Disposal Procedures⁽¹⁵⁾ (Give details of waste disposal procedure to be used)

Are chemicals with risk phrases R50-R59 or hazard statements H400 – H413 (environmental Hazards) involved? Yes / **No**

GENERAL INFORMATION:

Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. This material and its container must be disposed of as hazardous waste.

DISPOSAL METHODS:

Dispose of waste via a licensed waste disposal contractor.

ENVIRONMENTAL PRECAUTIONS:

Contain spillage with sand or earth. Avoid the spillage or runoff entering drains, sewers or watercourses. The product is insoluble in water and will spread on the water surface.



TRAINING REQUIREMENTS⁽¹⁶⁾

(List any specialised training requirements before work can begin)

As per engineer training and directions on product

HANDLING AND STORAGE REQUIREMENTS⁽¹⁷⁾

(Note any special requirements e.g. ventilation, chemical incompatibility, flash point, etc)

USAGE PRECAUTIONS:

Always remove oil with soap and water or skin cleaning agent, never use organic solvents. Do not use oil-contaminated clothing or shoes, and do not put rags moistened with oil into pockets. Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS:

Store in tightly-closed, original container in a dry, cool and well-ventilated place.

STORAGE CLASS:

Miscellaneous hazardous material storage.

ASSESSMENT OF RISK USING CONTROLS DETAILED ABOVE⁽¹⁸⁾

(Are the hazards/risks suitably controlled, using the control measures detailed above? If not, state the further actions required, e.g. Requirement for a standard operating procedure (SOP), etc).

YES

Authorisation by Employer/Supervisor¹⁹

I confirm that I have considered and understand the chemical to be used and the associated hazards. I am satisfied that all of the hazards have been identified and that the control measures to be followed will reduce the risks to as low a level as reasonably practicable.

Sign: GRAHAM BARKER

Date:06.04.2020

Declaration by Employer/Supervisor⁽²⁰⁾

I confirm that I have read this COSHH Assessment and that I understand the hazards and risks involved and will follow all of the safety procedures stated.



Declaration by employee²⁰

I confirm that the employee who has signed below is competent to undertake the work. My counter-signature indicates that I am happy for the work to proceed.

| Name (please print) | Signed | PI countersignature | date |
|---------------------|--------|---------------------|------|
| | | | |
| | | | |
| | | | |

Guidance notes for COSHH assessment form

This form must be completed for every hazardous chemical used within the company. The form must be signed by the employee and their employer/supervisor before the work starts.

- (1) **Assessor:** Insert the name of the person doing this assessment
- (2) **Employer/Supervisor** Insert the name of **the Employer/Supervisor**.
- (3) **Assessment Date:** Insert the date that the assessment form is completed. The assessment is valid for a maximum of 1 year. It must be reviewed after 1 year, or if a significant change occurs (change of lab, pregnancy, etc).
- (4) **Dates reviewed:** all COSHH assessments must be reviewed annually (as a minimum). The review date should be entered here, and signed by the assessor to confirm that the assessment is still valid.
- (5) **Substance:** insert name of the chemical to be used. NB. Biological hazards must not be assessed on this COSHH form.
- (6) **Hazardous properties:** insert details of all of the hazardous properties of the chemical – eg. Flammable, explosive, carcinogen, harmful by inhalation, etc).
- (7) **Quantity:** insert quantity to be used (mg, g, ml, etc)
- (8) **Additional information:** Include details of any additional information, including any workplace exposure limits. Detail fully all R/S phrases and H and P statements (it is not sufficient to simply stat R45, full details are needed).
- (9) **Emergency procedures:** provide full details of emergency procedures to be employed following contact with the chemical (skin contact, eye contact, inhalation and ingestion) – such as use of diphoterine, administration of emergency oxygen, etc. Also include details of emergency spill procedures.
- (10) **What will the chemical be used for? Who may be exposed? :** Insert title of experiment or experimental procedure that the chemical is to be used in, and detail who may be exposed (individual worker? People in close proximity? Cleaners? Engineers?).

Methods of prevention or control of exposure

Sections 11-14 detail the methods for preventing or controlling exposure to the chemical. The COSHH hierarchy of control measures should be used when determining the methods to be used to prevent/control exposure, with engineering and group control measures being employed in preference to individual measures (such as individual PPE).

- (11) **Engineering controls** required: identify the control measures necessary to prevent/control exposure, such as use of a fume cupboard, LEV or blast screen, by circling/ticking/highlighting the appropriate statement(s).
- (12) **Access control:** In order to prevent/control exposure, is it necessary to restrict access to competent personnel? Are special containment facilities required? Please circle/tick/highlight the appropriate statement(s).
- (13) **Special procedures:** please identify any special procedures necessary to prevent/control exposure. This might include the need for an SOP to be developed, or for local rules to be drawn up. Please circle/tick/highlight the appropriate statement(s).
- (14) **Approved PPE:** PPE is to be used as the 'last resort' when preventing/ controlling exposure. Please detail the PPE to be used when handling the chemical. Please circle/tick/highlight the appropriate statement(s) and include details of the type of gloves, etc to be used.
- (15) **Disposal procedures:** Identify whether the chemical is an environmental hazard; Detail fully how the chemical waste is to be disposed of (down sink, by specialist contractor, etc)
- (16) **Training requirements:** detail any specialised training requirements that must be met before the work can begin – eg. Attendance on a gas safety course, etc).
- (17) **Handling and storage requirements:** Note any special requirements e.g. ventilation, chemical incompatibility, flash point, etc.
- (18) **Assessment of risk using controls detailed above:** Are the hazards/risks suitably controlled, using the control measures detailed above? Provide details; If not controlled, state the further actions required, eg. Requirement for a standard operating procedure (SOP), etc.
- (19) **Authorisation by Employer/Supervisor:** the employer/supervisor must sign and date the assessment, to confirm that they have considered and understand the chemical to be used and the associated hazards, and that they are satisfied that all of the hazards have been identified and that the control measures to be followed will reduce the risks to as low a level as reasonably practicable.



- (20) **Declaration by employee:** the employee must sign and date the assessment to confirm that they have read the COSHH Assessment, understand the hazards and risks involved and will follow all of the safety procedures stated.

- (21) **Declaration by Employer/Supervisor:** the employer/supervisor must sign and date the assessment, to confirm that the researcher is competent to undertake the work.