

Product: **FLUXTEC M**

MSDS No.: 008

Date of the last review: July, 13th, 2020

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TradeName: Fluxtec M

Internal Identification code: 03000011

Application of the substance / the Mixture: Lubricant / Processing Aid

Details of the supplier of the safety data sheet

Manufacture/Supplier: Proquitec Indústria de Produtos Químicos e Repres. Coml. S.A.

Address: Rua Ifema, 291 - Vargem Grande Paulista - SP

Information Department: Product safety Department

Emergency Phone: (5511) 4158 8400

Home page: <http://www.proquitec.com.br>

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture: The product is not classified according to the Globally Harmonized System (GHS).

Label Elements

GHS Label Elements: Void

Hazard Pictograms: Void

Signal Word: Void

Hazard Statements: Void

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Classification System:

NFPA ratings (scale 0 – 4)



Health = 1
Fire = 1
Reactivity = 0

HMIS ratings (scale 0 – 4)



Health = 1
Fire = 1
Reactivity = 0

Others Hazards

Results of PBT and vPvB assessment

PBT: Not Applicable

vPvB: Not Applicable

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures

Description: Mixture of the substances listed below with non hazardous additions

Dangerous Components: Void

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4. FIRST AID MEASURES

Description of First aid measures

| | |
|---|--|
| General Information: | No special measures required |
| After Inhalation: | Supply fresh air; consult doctor in case of complaints. |
| After skin contact: | Immediately wash with water and soap and rinse thoroughly. Generally the product does not irritate the skin. |
| After eye contact: | Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. |
| After swallowing: | If symptoms persist consult a doctor. |
| Information for doctor: Most important symptoms and effects, both acute and delayed | No further relevant information available. |
| Indication of any immediate medical attention and special treatment needed | No further relevant information available. |

5. FIRE FIGHTING MEASURES

Extinguishing media

| | |
|--|---|
| Suitable extinguishing agents: | CO ₂ , extinguishing powder or water spray. Fight larger fire with alcohol resistant foam. Use fire fighting measures that suit the environment. |
| Special hazards arising from the substance or mixture: | No further relevant information available |

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Advice for fire fighters

Wear Self-contained respiratory protective device.

Protective equipment:

Wear fully protective suit.

6. ACCIDENTAL RELEASE MESURES

Personal precautions,
protective equipment and
emergency procedures:

Remove persons from danger area.

Ensure adequate ventilation.

Wear protective clothing.

Environmental precautions:

Do not allow product to reach sewage system or any
water course.

Do not allow to enter sewers/surface or ground water.

Methods and material for
containment and cleaning up:

Pickup up mechanically

Reference to other sections:

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection
equipment.

See Section 13 for disposal information.

7. HANDLING AND STORAGE

Handling:

Precautions for safe
handling:

Store in cool., dry place in tightly closed receptacles.

Keep away from heat and direct sunlight.

Information about protection
against explosions and fires:

Keep ignition sources away – Do not smoke.

Protect from heat.

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Conditions for safe storage, including any incompatibilities.

Storage:

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Information about storage in one common storage facility:

Not Required.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles. Protect from heat and direct sunlight.

Specific end use (s):

No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional information about design of technical systems:

No further data. See item 7.

Control parameters

Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional Information:

The lists that were valid during the creation were used as basis.

Exposure Controls

Personal protective equipment

General protective and

The usual precautionary measures for handling

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hygienic measures: chemicals should be followed.

Breathing equipment: Not Required

Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Safety glasses

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

General Information:

| | |
|----------------|-----------------|
| Aspect | White Powder |
| Odor threshold | Not determined. |

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| | |
|---|---|
| pH-value | Not applicable. |
| Change in condition | |
| Melting point/Melting range | Undetermined. |
| Boiling point/Boiling range | There are no available data |
| Softening temperature | Above 95 °C (203 °F) |
| Flash point | Above 160 °C (320 °F) |
| Flammability (solid, gaseous) | Not determined. |
| Ignition temperature: | |
| Decomposition temperature | Not determined. |
| Auto igniting | Product is not self igniting. |
| Danger of explosion | Product does not present an explosion hazard. |
| Explosion limits: | |
| Lower | Not determined |
| Upper | Not determined |
| Vapor pressure | Not applicable |
| Density: | |
| Relative density | Not applicable |
| Vapor density | Not applicable |
| Evaporation rate | Not applicable |
| Solubility in / Miscibility with | |
| Water | Insoluble. |
| Partition coefficient (n-octanol/water) | Not determined. |
| Viscosity: | |
| Dynamic: | Not applicable. |

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| | |
|-------------------------|--|
| Kinematic: | Not applicable. |
| Solvent content: | |
| Organic solvents: | 0.0 % |
| Solids content: | 100.0 % |
| Other information | No further relevant information available. |

10. STABILITY AND REACTIVITY

Reactivity: No further relevant information available

Chemical Stability:

Thermal decomposition / conditions to be avoided No decomposition if used according to specifications.

Possibility of hazardous reactions No dangerous reactions known.

Conditions to avoid No further relevant information available.

Incompatible materials No further relevant information available.

Hazardous decomposition products No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

Primary irritant effect

| | |
|---------------|-------------------------------|
| on the skin | No irritant effect. |
| on the eye | No irritant effect. |
| Sensitization | No sensitizing effects known. |

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Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations. When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Carcinogenic categories

IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

NTP (National Toxicology Program)

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12. ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity:

No further relevant information available.

Persistence and degradability

No further relevant information available.

Behavior in environmental systems:

Bio accumulative potential

No further relevant information available.

Mobility in soil

No further relevant information available.

General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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Results of PBT and vPvB assessment

PBT:

vPvB

Not applicable

Other adverse effects

Not applicable.

No further relevant information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Recommendation:

Can be disposed of with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

Uncleaned packagings

Recommendation

Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

National and international regulations

UN-Number

DOT:

Void

UN Proper shipping name

DOT, ADR

Void

Transport hazard class(es)

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| | |
|---|-----------------|
| DOT | Void |
| Packing group | |
| DOT | Void |
| Environmental hazards: | Not applicable. |
| Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable |
| UN" Model Regulation": | Void |

15. INFORMATION ON REGULATIONS

Safety, health and environmental regulations/ legislation specific for the substance or mixture.

Section 355 (extremely hazardous substances): *None of the ingredients is listed.*

Section 313 (Specific toxic chemical listings): *None of the ingredients is listed.*

TSCA (Toxic Substances Control Act): *All ingredients are listed.*

Proposition65

Chemicals known to cause cancer: *None of the ingredients is listed.*

Chemicals known to cause reproductive toxicity for females: *None of the ingredients is listed.*

Chemicals known to cause reproductive toxicity for males: *None of the ingredients is listed.*

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Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

Carcinogenic categories

EPA (Environmental Protection Agency)

None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

Void

GHS label elements

Void

Hazard pictograms

Void

Signal word

Void

Hazard statements

Chemical Safety Assessment has not been carried out

Chemical safety assessment

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16. OTHER INFORMATIONS

Department issuing SDS: Quality Department
Contact: Quality
Email: proquitec@proquitec.com.br
Phone-number: +55 11 4158-8400
Date of preparation / last revision: 8

Abbreviations and acronyms:

ADR *Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*

DOT *US Department of Transportation*

ACGIH *American Conference of Governmental Industrial Hygienists:*

EINECS *European Inventory of Existing Commercial Chemical Substances*

ELINCS *European List of Notified Chemical Substances*

CAS *Chemical Abstracts Service (division of the American Chemical Society)*

NFPA *National Fire Protection Association (USA)*

HMIS *Hazardous Materials Identification System (USA)*

PBT *Persistent, Bioaccumulative and Toxic*

vPvB *Very Persistent and very Bioaccumulative*

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NIOSH

National Institute for Occupational Safety

OSHA

Occupational Safety & Health

TLV

Threshold Limit Value

PEL

Permissible Exposure Limit

REL

Recommended Exposure Limit

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