

MATERIAL SAFETY DATA SHEET

Yellow Petroleum Jelly (MO21A)

Date: 23/05/2012

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1 IDENTIFICATION OF SUBSTANCE

1.1 Product Identifier:

Identification on the label/ Trade name: Yellow Petroleum Jelly (MO21A).

1.2 Relevant Identified uses of the substance and uses advised against:

1.2.1 Identified uses:

Processing aid for rubber compounding.

1.2.2 Uses advised against:

Not available

1.3 Details of the Supplier of the material safety data sheet:

J. Allcock & Sons Ltd.,
Textile Street,
West Gorton,
Manchester,
M12 5DL.

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Tel: +44 (0)161 223 7181
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2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

2.1.1 Classification:

The substance is not classified.

2.1.2 The most important adverse effects:

2.1.2.1 The most important adverse physiochemical effects:

Not applicable.

2.1.2.2 The most important adverse human health effects:

Unlikely to cause eye irritation.

Unlikely to cause skin irritation

Not volatile. It is not likely to be an inhalation hazard at normal ambient temperatures. If overheated, fumes and vapours are irritating to the breathing passages and lungs. Ingestion is likely to cause adverse systemic health effects.

2.1.2.3 The most important adverse environmental effects:

Although no specific ecological hazards are expected and bioaccumulation is unlikely, spillage into the environment should always be avoided.

2.2 Label Elements:

Hazard Pictograms:

Not relevant.

Signal Word(s):

Not relevant.

Hazard Statement:

Not relevant.

Precautionary statement:

Not relevant.

2.3 Other hazards

Not available.

3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance/Mixture:

The product in question is a mixture.

3.2 Ingredients:

A blend of hydrocarbon waxes and highly refined mineral oils.

4 FIRST-AID MEASURES

4.1 Description of first aid measures:

4.1.1 In case of inhalation:

Remove the affected person to fresh air. If recovery is not rapid obtain medical attentions.

4.1.2 In case of skin contact:

Wash the affected parts of the body with soap and water. No emergency measures are necessary but if adverse side effects follow, refer for medical attention.

4.1.3 In case of eyes contact:

Flush eyes immediately with fresh water for at least 15 minutes while holding the eyelids open. No emergency measures are necessary but if adverse eye effects follow, refer for medical attention.

4.1.4 In case of ingestion:

Do not induce vomiting. No emergency measures needed but if adverse health effects follow, refer for medical attention.

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4.2 Most important symptoms and effect, both acute and delayed:

Not relevant.

4.3 Indication of any immediate medical attention and special treatment needed:

Not relevant.

5 FIRE-FIGHTING MEASURES

5.1 Extinguishing Media:

5.1.1 Suitable extinguishing media:

Foam, dry chemical, carbon dioxide, water mist.

5.1.2 Unsuitable extinguishing media:

Slight flammability hazard when exposed to heat or flame.

5.2 Specific Hazards arising from the substance or mixture:

Slight flammability hazard when exposed to heat or flame.

5.3 Advice for fire-fighters:

Use self-contained breathing equipment when fighting fire in confined spaces.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Surfaces may become slippery after spillage.

6.2 Environmental precautions:

Water may be used to flush spills away from sources of ignition. Do not allow the product to enter public drainage system or open water courses.

6.3 Methods of containment and cleaning up:

Absorb and scrape up. Absorbent material: Sand or active clay.

6.4 Reference to other sections:

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling:

Avoid skin contact. Avoid inhalation of vapour, mist or fumes. Do not wear contaminated clothing. Recommended temperature for handling is 60-120 °C.

7.2 Conditions for safe storage, including any incompatibilities:

Keep containers tightly closed.

7.3 Specific end use(s):

Not relevant.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

TWA TLV: 2 mg/m³ (paraffin wax fumes), 5 mg/m³ (Oil mist, mineral). However in all circumstances exposure should be kept as low as reasonably possible by good ventilation and safe working practices.

8.2 Exposure controls:

8.2.1 Appropriate engineering controls:

No special measures needed.

8.2.2 Individual protection measures:

Eye/face protection:

No special precautions are needed beyond clean working conditions and safe handling practices.

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Hand protection:

No special precautions are needed beyond clean working conditions and safe handling practices. PVC or nitrile gloves may be suitable.

Body protection:

No special precautions are needed beyond clean working conditions and safe handling practices.

Respiratory protection:

Inhalation of the vapour, fumes or mists should be avoided by safe working practices and good ventilation.

8.2.3 Environmental exposure controls:
No special measures needed.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance:		Yellow
Physical state:		Waxy
Colour:		Colourless
Odour:		Characteristic.
pH:		Neutral
Melting point/range (°C):		45-80
Boiling point/range (°C):		Initial boiling point > 300
Flash point (°C):		> 200 (ASTM D92, COC)
Evaporation rate:		Not available.
Flammability (soild,gas):		Not available.
Ignition temperature (°C):		Not available.
Upper/lower flammability/explosive limits:		Not known.
Vapour pressure:	@ 20°C	Negligible.
Vapour density:		Not available.
Relative Density (g cm ⁻³):	@ 15°C	0.83-0.86
Solubility:		In water: < 1mg/l
Auto-ignition temperature (°C):		> 300
Decomposition temperature (°C):		Not available.
Viscosity (mm ² s ⁻¹ , cSt):	@ 25°C	Not applicable.

9.2 Physical hazards:

Not applicable.

9.3 Other information:

Not applicable.

10 STABILITY AND REACTIVITY

10.1 Reactivity:

May react with strong oxidising agents, especially at high temperatures.

10.2 Chemical stability:

May react with strong oxidising agents, especially at high temperatures.

10.3 Possibility of hazardous reactions:

May react with strong oxidising agents, especially at high temperatures.

10.4 Conditions to avoid:

Oxidising agents and high temperatures.

10.5 Incompatible materials:

Oxidising agents.

10.6 Hazardous decomposition products:

Thermal decomposition of incomplete combustion may produce oxides of carbon and irritating fumes.

11 TOXICOLOGICAL INFORMATION

11.1 Toxicokinetics, metabolism and distribution:

Not relevant.

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11.2 Information on toxicological effects:

Acute toxicity:

LD50 (Oral): Not available.

LD50 (Dermal): Not available.

Skin corrosion/irritation:

Unlikely to cause skin irritation.

Serious eye damage/irritation:

Unlikely to cause eye irritation.

Respiratory or skin sensitization:

Not volatile. It is not likely to be an inhalation hazard at normal ambient temperatures. If overheated, fumes and vapours are irritating to the breathing passages and lungs.

Germ cell mutagenicity:

Not available.

Carcinogenicity:

Not available.

Reproductive toxicity:

Not available.

STOT- single exposure:

Not available.

STOT- repeated exposure:

Not available.

Aspiration hazard:

Not available.

Other Information:

Petroleum waxes are generally regarded as non-toxic, relatively harmless and not irritating under normal usage. Studies on related substances, i.e. base oils and waxes, indicate oral and dermal LD50 of >2g/kg

12 ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

Not expected to be dangerous for the aquatic environment.

12.2 Persistence and degradability:

Not readily biodegradable.

12.3 Bioaccumulative potential:

Not available.

12.4 Mobility in soil:

Not readily mobile in soil.

12.5 Results of PBT and vPvB assessment

Not available.

12.5 Other adverse effects:

Not relevant.

13 DISPOSAL CONSIDERATIONS

13.1 Disposal Method

Transport to authorised waste location, or incinerate under controlled conditions (EU Directives 2000/76/EC and 1999/31/EC apply).
European Waste Catalogue No.050199/130899.

14 TRANSPORT INFORMATION

14.1 General:

Not relevant.

14.2 UN-no:

Not classified.

14.3 Transport hazard class(es)

14.3.1 RID/ADR:

Not classified.

14.3.2 IMDG:

Not classified.

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14.3.3 IATA/ICAO:
Not classified.

15 REGULATORY INFORMATION

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

Not regulated.

15.2 Chemical safety assessment:

Chemical safety assessments for substances in this mixture were not carried out.

16 OTHER INFORMATION

Issued by:
J. Allcock & Sons Ltd.
MSDS No.:
WEB01
Date:
23/05/2012

For any further information please contact **J. Allcock & Sons Ltd.**

DISCLAIMER: All information and instructions provided in these Safe Handling Instructions (SHI) are based on the current state of scientific and technical knowledge at the date indicated on the present SHI. J. Allcock & Sons Ltd. shall not be held responsible for any defect in the product covered by this SHI, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge. **Dated:23/05/12**

