

SAFETY DATA SHEET

Yellow Petroleum Jelly (MO21A)

Date: 05/2019

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SECTION 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.

Email: ja@allcocks.co.uk
Tel: +44 (0)161 223 7181
Fax: + 44 (0)161 223 0173

1.4 Emergency telephone number: +44(0) 161 223 7181

Contact Point: Quality Manager

Email address: ja@allcocks.co.uk

All SDSs can be found on the relevant product page on the company website: www.allcock.co.uk

SECTION 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

2.1.1 Classification:

Does not contain any components which are hazardous according to DSD [67/548/EC] or CLP Regulation 1272/2008/EC

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

Hot liquid may cause burns

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance/Mixture:

The product in question is a mixture.

3.2 Ingredients:

A complex blend of Brightstock Slackwaxes, Microcrystalline Waxes and Mineral Oil.

There are no additional ingredients present which, within current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section in accordance with regulation (EC) No. 1272/2008.

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SECTION 4 FIRST-AID MEASURES

4.1 Description of first aid measures:

4.1.1 General Information:

Remove contaminated/ saturated clothing immediately. In case of accident or unwellness seek medical advice immediately.

4.1.2 In case of inhalation:

Remove the affected person to fresh air, keep warm and rest. If recovery is not rapid obtain medical attention.

4.1.3 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.

4.1.4 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.

4.1.5 In case of ingestion:

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

4.1.6 Self protection of First Aider:

First Aider, pay attention to self-protection

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

4.2.1 Inhalation: Over-heated oil can produce fumes which may be irritant when breathed in

4.2.2 Skin Contact: May cause slight irritation to skin

4.2.3 Ingestion: No known significant effects or critical hazards

4.2.4 Eye Contact: May cause slight irritation to eyes

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

In contact with or splashed by hot liquid:

4.3.1 Skin Contact: Cool the skin immediately with cold water. Treat burns according to their severity. Obtain medical attention. Never try to remove the material with solvents

4.3.2 Contact with Eyes: Cool the area immediately with cold water. Seek advice of an ophthalmologist

4.3.3 Specific Treatment: First Aider, decontamination, treatment of symptoms.

4.3.4 Notes to Doctor: Treat symptomatically.

SECTION 5 FIRE-FIGHTING MEASURES

5.1 Extinguishing Media:

5.1.1 Suitable extinguishing media:

Foam, dry chemical, carbon dioxide, water

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. During a fire, toxic gases (carbon monoxide, nitrous gases) may be generated by thermal degradation or combustion.

5.3 Advice for fire-fighters:

Only suitably trained personnel should attempt to tackle fires. Do not stay in the danger zone without respiratory protective equipment and protective clothing.

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SECTION 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:

Use sand or active clay to absorb spilled substance and remove to containers for disposal

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.

SECTION 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. Avoid contact with the eyes – wear chemical protective goggles when handling the product. Protective clothing such as impervious gloves should be worn if skin contact is anticipated. Protective clothing should be regularly inspected and maintained, discard oil saturated leather articles. The use of barrier and after work creams may be beneficial after working with the material.

7.2 Conditions for safe storage, including any incompatibilities:

Keep containers tightly closed. Avoid heat and sources of ignition. Store in original containers or in other mild steel or high density polyethylene containers which are closable and clearly labelled. Clean up any spilled material immediately.

7.3 Specific end use(s):

Not relevant.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

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

DNEL Values: - No data available

PNEC Values: - No data available

8.2 Exposure controls:

8.2.1 Appropriate engineering controls:

Facilities storing or using this material should be equipped with an eyewash facility.

8.2.2 Individual protection measures:

Eye/face protection:

Wear appropriate eye goggles

Skin protection:

No special precautions are needed beyond clean working conditions and safe handling practices. Change heavily contaminated clothing

Hand protection:

Use impervious gloves [conforming to EN374] PVC is suitable for casual contact. If direct for more than 2 hour then Neoprene or nitrile gloves recommended.

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:

See sections 6,7,12 and 13

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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

| | | |
|--|---------|--|
| Appearance: | | Yellow |
| Physical state: | | Waxy |
| Colour: | | Colourless |
| Odour: | | Waxy |
| pH: | | Neutral |
| Melting Point/Congeaing Point (°C): | | 56 |
| Boiling point/range (°C): | | Initial boiling point > 300 |
| Flash point (°C): | | > 200 (ASTM D92, COC) |
| Evaporation rate: | | Not available. |
| Flammability (soild,gas): | | May be combustible at high temperature |
| 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 |
| Viscosity (Kinematic) cst | @ 100°C | 13 |
| Solubility: | | In water: < 1mg/l |
| Solubility in other solvents: | | Petroleum Ether, Ethyl Acetate |
| Auto-ignition temperature (°C): | | > 200 |
| 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.

SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity:

This product is not reactive under normal storage and handling conditions (see section 7)

10.2 Chemical stability:

Under normal storage and handling conditions, this product is stable. May react with strong oxidising agents, especially at high temperatures.

10.3 Possibility of hazardous reactions:

No specific hazardous reactions are expected to occur.

10.4 Conditions to avoid:

Extremes of temperature (preferably, store between 5 & 39°C). the product is combustible when heated >230°C.

10.5 Incompatible materials:

May react with strong oxidants (eg chlorates, peroxides).

10.6 Hazardous decomposition products:

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

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SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Toxicokinetics, metabolism and distribution:

Not relevant.

11.2 Information on toxicological effects:

Acute toxicity:

LD50 (Oral): >2g/kg

LD50 (Dermal): >2g/kg

(Inhalation): Not volatile. It is not likely to be an inhalation hazard at normal ambient temperature. If overheated, fumes and vapours are irritating fumes.

Skin corrosion/irritation:

Nonsensitising

Serious eye damage/irritation:

Repeated or prolonged contact spray, mist or vapours may cause eye irritation but no permanent damage. Respiratory or skin sensitization:

This material has a low vapour pressure and does not cause an irritation to the breathing passages. Aspiration of sprays, mist or vapour may cause chemical pneumonitis.

Mutagenicity:

Not determined

Carcinogenicity:

Does not contain any IARC Group 1, 2(a) or 2(b) Listed Chemicals. Polycyclic Aromatic Hydrocarbons by IP346

Reproductive toxicity:

Not available.

STOT- single exposure:

Not available.

STOT- repeated exposure:

Prolonged contact to skin or eyes can cause irritation and possible dermatitis.

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

SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity:

Environmental Fate – this material, because of its density, will float on water. Since it consists of relatively low molecular weight paraffinic substances, small spillages into water will be dispersed by evaporation and biodegradation.

12.2 Persistence and degradability:

Not readily biodegradable.

12.3 Bioaccumulative potential:

Data not available

12.4 Mobility in soil:

Not readily mobile in soil.

12.5 Results of PBT and vPvB assessment

This substance does not fulfil the criteria for being classed as a PBT or vPvB substance.

12.5 Other adverse effects:

Not relevant.

SECTION 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.

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SECTION 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.

14.3.3 IATA/ICAO:

Not classified.

SECTION 15 REGULATORY INFORMATION

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

| | |
|-----------------------|---|
| EU Regulations | Directive 67/548/EC Regulation [EC] 1272/2008 Regulation [EC] 1907/2006 |
|-----------------------|---|

15.2 Chemical safety assessment:

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

SECTION 16 OTHER INFORMATION

Issued by:

J. Allcock & Sons Ltd.

SDS No.:

WEB01

Date:

05/2019

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:05/2019**

