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Material Safety Datasheet

Issue date: 25/10/2016

Section 1 PRODUCT AND COMPANY IDENTIFICATION

IDENTIFICATION OF THE SUBSTANCE OR PREPARATION:**Product Name: Paraffin Wax**

Chemical Name: Paraffin waxes (petroleum), hydrotreated

CAS #:64742-51-4

EC #:265-154-5

REACH Registration No.: 01-2119480133-46-0004

COMPANY UNDERTAKING IDENTIFICATION:

Sinopec Refinery Product Sales Company Limited
22F825F, No.728 West Yan'an Road, Changning District, Shanghai, China
Fax: 0086-21-52381680 Telephone:0086-21-60863300
European Emergency: 112
Emergency Telephone in Company: 0086-21-62252813

USE OF THE SUBSTANCE/ PREPARATION:**Identified uses****Uses by workers in industrial settings:**

Distribution of substance. Use of substance as intermediates. Manufacture of Substances. Formulation & (re)packing of substances and mixtures. Uses in Coatings: Industrial. Lubricants: Industrial. Use as release agents or binders: Industrial. Use as a functional fluids: Industrial. Use in Laboratories: Industrial. Rubber production and processing: industrial, Use in polymer processing: Industrial.

Uses by professional workers:

Uses in Coatings: Professional, Lubricants: Professional (low release), Lubricants: Professional (high release). Use as release agents or binders: Professional. Use in agrochemicals: Professional. Use as a fuel: Professional. Use as a functional fluids: Professional. use in road and construction applications: Professional, Use in Laboratories: Professional. Explosives manufacture & use: Professional. Use in polymer processing: Professional.

Uses by consumers:

Uses in Coatings: Consumer. Lubricants: Consumer (low release). Lubricants: Consumer (high release), Use in Agrochemicals: Consumer. Use as a fuel: Consumer. Use as a functional fluids: Consumer. Other Consumer Uses.

Uses advised against: Not available,

Issue Date: 67/22/2011

Section 2 HAZARDS IDENTIFICATION

Classification:

According to annex I of DIRECTIVE 67/548/EEC

This substance is not classified in the Annex I of Directive 671548/EEC.

According to DIRECTIVE 67/548/EEC criteria

Physical/Chemical Hazards: None.

Health Hazards: None.

Environmental Hazards : None.

According to EU CLP 2008

For physical-chemical properties: None.

For health hazards: None.

For environmental hazards: None.

Labelling:

Signal word: No signal word

Section 3 COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS NO.	EC No.	Conc.	Classification CLP	
67/548/EEC					

- Paraffin waxes (petroleum), hydrotreated	6474251-4	265154-5	100%	-	-

Section 4 FIRST AID MEASURES

General advice:

Remove contaminated clothing.

Eye

Rinse cautiously with water for several minutes, Remove contact lenses, if present and easy to do so. Continue rinsing. If irritation, blurred vision or swelling occurs and persists, obtain medical advice from a specialist. If hot product is splashed into the eye, it should be cooled immediately to dissipate heat, under cold running water, Immediately obtain specialist medical assessment and treatment for the casualty.

Skin

Remove contaminated clothing and footwear and dispose of safely. Wash affected area thoroughly with soap and water. Seek medical attention if skin irritation, swelling or redness develops and persists. For minor thermal burns: Cool the burn. Hold the burned area under cold running water for at least five minutes, or until the pain subsides. However, body hypothermia must be avoided. Do not put ice on the burn; Remove non-sticking garments carefully. DO NOT attempt to remove portions of clothing glued to burnt skin but cut round them. Seek medical attention in all cases of serious burns.

Inhalation

In case of symptoms arising from inhalation of fumes or mists or vapours: Remove casualty to a quiet and well ventilated place if safe to do so. If not breathing, give artificial respiration, If breathing is difficult, give oxygen. Remove to fresh air. Lay patient down. Keep warm and rested. Seek immediate medical attention.

Ingestion

Do not induce vomiting. Ask for medical assistance. Do not give anything by mouth to an unconscious person.

Note to Physicians: Treat symptomatically.

Section 5 FIRE FIGHTING HE ASURES

Suitable Extinguishing Media

Foam (Specifically trained personnel only), water fog (Specifically trained personnel only), dry chemical powder, carbon dioxide, sand or earth.

Unsuitable Extinguishing Media:

Do not use direct water jets on the burning product; they could cause splattering and spread the fire. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.

Specific Hazard

Avoid generating dust, particularly clouds of dust in a confined or unventilated space as dusts may form an explosive mixture with air, and any source of ignition, i.e. flame or spark, will cause fire or explosion. Incomplete combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates and gases, including carbon monoxide and unidentified organic and inorganic compounds.

Special Protective Equipment for Fire-Fighters.

In case of a large fire or in confined or poorly ventilated spaces wear full fire resistant protective clothing and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6 ACCIDENT AL RELEASE MEASURES

Personal Precautions and Emergency Procedures:

Stop or contain leak at the source, if safe to do so. Avoid direct contact with released material. Keep non-involved personnel away from the area of spillage. Alert emergency personnel, It is recommended to eliminate all ignition sources if safe to do so (e.g, electricity, sparks, fires, flares). If required, notify relevant authorities according to applicable regulations. Use personal protection recommended in Section 8.

Environmental Precautions

Do not flush into surface water or sanitary sewer system.

Methods and Material for Containment and Cleaning Up:

Spillages onto land: Product in molten form: prevent product from entering sewers, rivers or other bodies of water. Note: solidified product may clog drains and sewers. if necessary dike the product with earth, sand or similar non-combustible materials. Let the material cool naturally. When inside buildings or confined spaces, ensure adequate ventilation. in case of solid product (e.g. flakes), avoid the generation and spreading of dust. Collect solidified product with suitable mechanical means (e.g. shovels). Transfer collected product and other contaminated materials to suitable containers for recycle, recovery or safe disposal.

Spillages on water or at sea: In case of spillages in the water, the product will cool down rapidly and become solid, floating on the surface. Contain product with floating barriers or other equipment. Collect by skimming or other suitable mechanical means. The use of dispersants should be advised by an expert, and, if required, approved by local authorities. Collect recovered product and other materials in suitable containers for recycle, recovery or safe disposal.

Section 7 HANDLING AND STORAGE

Handling:

Avoid splash filling of bulk volumes when handling hot liquid product. Precautions should be taken to avoid skin burns when handling hot product, Avoid breathing dust/fume/vapours. Prevent the risk of slipping, Use personal protective equipment as required. For more information regarding protective equipment see section "Exposure controls/personal protection",

Storage:

Storage area layout, tank design, equipment and operating procedures must comply with the relevant European, national or local legislation. Protect drains from spills and prevent entry of molten material, since this may result in blockage on cooling. Cleaning, inspection and maintenance of internal structure of storage tanks must be done only by properly equipped and qualified personnel as defined by national, local or company regulations. Store separately from oxidising agents. Recommended materials: Liquid product: for containers, or container linings use mild steel, stainless steel. Solid product: pressboard boxes. Unsuitable materials: Some synthetic materials may be unsuitable for containers or container linings depending on the material specification and intended use. Compatibility should be checked with the manufacturer.

SPECIFIC USE

None

Section 8 EXPOSURE CONTROLS I PERSONAL PROTECTION

Engineering controls

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local explosion-proof ventilation to keep airborne levels to acceptable levels.

Personal protective equipment

Eye/face protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Hand protection.

Wear appropriate protective gloves to prevent skin exposure.

Skin protection

Wear appropriate protective clothing to prevent skin exposure.

Respiratory protection

A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

General hygiene considerations

No smoking. No eating or drinking in workplace. Avoid contact with eyes and skin. Wash thoroughly after handling and before eating or drinking.

ENVIRONMENTAL. EXPOSURE CONTROLS

Local exhaust ventilation usually required. As much as possible, keep from being washed into surface waters.

Section 9 PHYSICAL AND CHEMICAL PROPERTIES

General information:

White translucent solid.

Important Health, Safety and Environmental information

pH: Not available

Freezing/melting point: 47~65°C

Boiling point, initial boiling point and boiling range: Not available

Flash point: Not available

Upper/lower flammability or explosive limits: Not available

Vapor pressure: Not available

Vapor density: Not available

Relative density: 0.880~0.915

Solubility: Insoluble in water and acid.

n-octanol/water partition coefficient: Not available

Auto-ignition temperature: Not available

Decomposition temperature: Not available

Viscosity: 3.325 mm²/s at 100°C

Section 10 CHEMICAL STABILITY AND REACTIVITY INFORMATION

Chemical Stability:

Stable at normal temperatures and storage conditions.

Conditions to Avoid:

Extremely high temperatures, incompatible materials.

Materials to Avoid

Not available.

Hazardous Decomposition Products:

Not available.

Hazardous Polymerization:

Not reported.

Section 11 TOXICOLOGICAL INFORMATION

Acute Toxicity:

Oral, LD50; > 5000 mg/kg bw (rat)

skin, LD50: >2000 mg/kg bw (rat)

Skin Irritation/Corrosion:

According to rabbit test (OECD 404), paraffin wax is considered not irritating.

Eye Damage/irritation

According to rabbit test (OECD 405), paraffin wax is considered not irritating.

Respiratory or Skin Sensitization

According to guinea pig maximisation test (OECD 406), paraffin wax is considered not sensitising.

Germ Cell Mutagenicity

Not available

Carcinogenicity: All components are not considered as a carcinogen by NTP, ACGIH, IARC.

Reproductive Toxicity

Not available

Specific Target Organ Toxicity - Single Exposure

Not available

Specific Target Organ Toxicity -- Repeated Exposure

Not available

Aspiration Hazard

Not available



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Section 12 ECOLOGICAL INFORMATION

Ecotoxicity

Not available

Mobility

Not available

Persistence and Degradability

Not available

Bio accumulative Potential

Not available

Results of PBT Assessment

Not PBT.

Other Adverse Effects

Not available

Section 13 DISPOSAL. CONSIDERATIONS

According to the European Waste Catalogue, Waste Codes are not product specific but application specific. Waste Codes should be assigned by the User based on the application in which the product is used.

Recycle wherever possible. Bury or incinerate residue at an approved site. Dispose of in compliance with national, regional, and local provisions.

Section 14 TRANSPORTATION INFORMATION

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: ADR, AND, IATA, IMDG.

Section 15 REGULATORY INFORMATION

Not dangerous as defined by 67/548/EEC

CLASSIFICATION: -

RISK PHRASES; I

SAFE PHRASES: -

Not dangerous as defined by the EU CLP 2008.

Labeling:

Signal Word: -

Hazard Statement: -

Precautionary statements:-

Supplement Hazard statements: -

Has chemical Safety Assessment been carried out: Yes

This safety data sheet is in compliance with the following EU legislation and its adaptations - as far as applicable : (EC) No.1907/2006 and (EC) No.1272:2008.

Section 16 OTHER INFORMATION

EU Dangerous substance/P reparations Directives

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EU CLP 2008

ABBREVIATION

TLV Threshold Limit Value

TWA Time Weighted Average

ES Exposure Standard

IOELVS Indicative Occupational Exposure Limit Values

WELS Workplace Exposure Limits

STEL Short Term Exposure Limit

RTECS Registry of Toxic Effects of Chemical Substances

IARC International Agency for Research on Cancer

NOEL No observed effect level

Disclaimer:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

Completed on: 7/22/2011

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Completed by: Cu

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