# 8 & M Trick Shift Product Number: 33209-3 SDS Revision Date: 08/07/2014 SECTION 1: Identification of the substance/mixture and of the company/undertaking **B & M Trick Shift** 1.1. Product identifier **Product Code** 33209 1.2. Relevant identified uses of the substance or mixture and uses advised against Intended use See Technical Data Sheet. 1.3. Details of the supplier of the safety data sheet LUBRICATING SPECIALTIES Manufacturer COMPANY 8015 PARAMOUNT BLVD. PICO **RIVERA, CA 90660** Telephone No. (562) 776-4000 1.4. Emergency telephone number (800) 424-9300 24hr SECTION 2: Hazards identification 2.1. Classification of the substance or mixture Not Classified 2.2. Label elements Using the Toxicity Data listed in section 11 & 12 the product is labeled as follows. Not Classified **HMIS** Health: **NFPA** Health: 0 0 Fire: Fire: 1 1

Physical Hazards:	0	Reactivity: 0
PPE:	С	Special Hazards:

#### 2.3. Other hazards

This product contains no PBT/vPvB chemicals.

#### SECTION 3: Composition/information on ingredients

Ingredient/Chemical Designations	Weight %	EC No. 1272/2008 / GHS Classification
PETROLEUM DISTILLATES, HYDROTREATED HEAVY PARAFFIN CAS Number: 0064742-54-7	<90	Not Classified
Infineum T4002(Paratorq 4002) CAS Number: Proprietary or N/A	<10	Not Classified

\*The full texts of the phrases are shown in Section 16.

SECTION 4: First aid measures

#### 4.1. Description of first aid measures

#### General

In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

#### Inhalation

If inhaled, remove person to fresh air and keep comfortable for breathing. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. If unconscious, place in the recovery position and seek medical attention immediately.

#### Skin

In case of contact, immediately rinse skin with plenty of water. Remove contaminated clothing and shoes. If skin irritation occurs, seek medical attention. Launder contaminated clothing before reuse.

#### Eye

In case of contact, immediately rinse eyes with plenty of fresh, clean water for at least 15 minutes. Remove contact lenses if present and continue rinsing. Seek medical attention immediately.

#### Ingestion

Do not induce vomiting. Call a physician or emergency medical facility immediately.

4.2. Most important symptoms and effects, both acute and delayed

#### No data available

4.3. Indication of any immediate medical attention and special treatment needed No data available

SECTION 5: Fire-fighting measures

#### 5.1. Extinguishing media

Use Carbon dioxide (CO2), dry chemical, or foam to extinguish flames.

5.2. Special hazards arising from the substance or mixture

Hazardous Decomposition Products May form CO and CO2.

5.3. Advice for fire-fighters

Self-contained full-face positive pressure breathing apparatus (SCBA) should be used. Water can be used to cool and protect exposed material. Do not allow runoff water and contaminants from fire fighting to enter drains or water courses.

#### SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with spilled material. Use suitable personal protective equipment. Ventilate area if spilled in confined space or other poorly ventilated areas. Evacuate personnel to safe areas. Keep unnecessary personnel away.

6.2. Environmental precautions

Prevent entry into sewers and waterways. Report spills as required to appropriate authorities in accordance with all applicable regulations.

6.3. Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations. (See section 13).

Clean, preferably with a detergent. Do not use solvents.

Do not allow spills to enter drains or water courses.

If drains, sewers, streams or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams or lakes the Environmental Protection Agency should also be informed.

Dispose of in accordance with all federal, state, and local environmental regulations.

#### SECTION 7: Handling and storage

7.1. Precautions for safe handling Handling

Avoid skin and eye contact. Wash thoroughly after handling. Avoid breathing vapor. Use with adequate ventilation.

#### In Storage

Store in a dry location at room temperature.

Keep this container and vapors from the container away from heat and flame. Keep container closed and maintain all original markings and labels.

7.2. Conditions for safe storage, including any incompatibilities Keep away from strong oxidizing and reducing agents.

CAUTION!!! Do not use cutting or welding torches on drums, even when empty. Do not reuse container. Containers, even those that have been emptied will retain product residue and vapors. Always obey

hazard warnings and handle empty containers as if they were full.

#### 7.3. Specific end use(s)

There are no exposure scenarios, see details in section 1.

#### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

The following occupational exposure limits have been established.

CAS Number	Ingredient	Source	Value
	HYDROTREATED HEAVY PARAFFIN	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
Proprietary or N/A		OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

#### Contains mineral oil. The exposure limits for oil mist are 5 mg/m3 OSHA PEL and 10 mg/m3 ACGIH.

Carcinogen Data				
CAS No.	Ingredient	Source	Value	
	PETROLEUM DISTILLATES,	OSHA	Select Carcinogen No	
	HYDROTREATED HEAVY PARAFFIN		Group 1 No; Group 2A No; Group 2B No; Group 3 No; Group 4 No;	
Proprietary or N/A	or N/A Infineum T4002(Paratorq 4002)		Select Carcinogen No	
		IARC	Group 1 No; Group 2A No; Group 2B No; Group 3 No; Group 4 No;	

#### **DNEL/PNEC** values

No Data Available

8.2. Exposure controls

No special requirements under ordinary conditions of use and with adequate ventilation.

Eye/face protection

Wear safety glasses. If potential for splash or mist exists, wear chemical goggles or face shield.

#### Skin protection

Wear chemical resistant gloves. Gloves should be inspected before each use and discarded if they show tears, pinholes, or signs of wear.

#### Other

Gloves, overalls, apron, boots, or other suitable protective garments should be worn to minimize contact based on the task being performed.

#### Respiratory protection

Use NIOSH/OSHA approved respirator where high vapor concentrations are present.

# Thermal hazards No Data Available

#### SECTION 9: Physical and chemical properties

Appearance	BLUE OILY LIQUID
Odor	Petroleum Odor
Odor threshold	Not Determined
рН	Not Measured
Melting point / freezing point (C)	Not Determined
Initial boiling point and boiling range (C)	Not Measured
Flash point (C)	> 200
Evaporation rate (H20 = 1)	Not Determined
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	
Lower Explosive Limit:	Not Determined
Upper Explosive Limit:	Not Determined
Vapor pressure (Pa)	Not Determined
Vapor density	Heavier than air.
Relative density	0.8871
Solubility(ies)	negligible
Partition coefficient n-octanol/water (Log Kow)	Not Determined
Auto-ignition temperature (C)	Not Determined
Decomposition temperature	Not Determined
Viscosity (cSt)	
@ 100 C	Not Measured
@ 40 C	Not Measured
Pour point temperature (C)	Not Determined
Volatile Organic Compounds	nil
SADT	Not Determined
Common Section 2010	

The data listed above are typical physical and chemical properties that do not constitute product specification.

9.2. Other information DMSO extract by IP346 Less than 3.0 wt % (mineral oil component only)

# SECTION 10: Stability and reactivity

10.1. Reactivity
No data available
10.2. Chemical stability
Material is normally stable at ambient temperature and pressure.
10.3. Possibility of hazardous reactions
May react with oxidizing agents.

#### SECTION 11: Toxicological information

Acute toxicity

The preparation has been assessed using the Acute Toxicity Data listed below, and classified for toxicological hazards accordingly. See section 2 for details.

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation vapor LD50, mg/L/4hr
nfineum T4002(Paratorq 4002) - (Proprietary or N/A)	>2,000, Rat	>2,000, Rabbit	5.99, Rat
PETROLEUM D ST LLATES, HYDROTREATED HEAVY PARAFF N - (0064742-54-7)	>5,000, Rat	>5,000, Rabbit	Not Available

Classification	Category	Hazard Description
Acute toxicity (oral)	Not Classified	Not Applicable
Acute toxicity (dermal)	Not Classified	Not Applicable
Acute toxicity (inhalation)	Not Classified	Not Applicable
Skin corrosion/irritation	Not Classified	Not Applicable
Serious eye damage/irritation	Not Classified	Not Applicable
Respiratory sensitization	Not Classified	Not Applicable
Skin sensitization	Not Classified	Not Applicable
Germ cell mutagenicity	Not Classified	Not Applicable
Carcinogenicity	Not Classified	Not Applicable
Reproductive toxicity	Not Classified	Not Applicable
STOT-single exposure	Not Classified	Not Applicable
STOT-repeated exposure	Not Classified	Not Applicable
Aspiration hazard	Not Classified	Not Applicable

#### SECTION 12: Ecological information

#### 12.1. Toxicity

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment

### Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
PETROLEUM D ST LLATES, HYDROTREATED HEAVY PARAFF N - (0064742-54-7)	Not Available	Not Available	Not Available
nfineum T4002(Paratorq 4002) - (Proprietary or N/A)	Not Available	Not Available	Not Available

#### 12.2. Persistence and degradability

There is no data available on the preparation itself. 12.3. Bioaccumulative potential Not Measured 12.4. Mobility in soil No data available 12.5. Results of PBT and vPvB assessment This product contains no PBT/vPvB chemicals. 12.6. Other adverse effects No data available

# SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Consult federal, state and local regulations regarding disposal methods, recycle used oil. Do not contaminate used oil with solvents or other chemicals.

#### SECTION 14: Transport information



No further information Not Applicable National Legislation **United States:** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) nventory or are not required to be listed on the TSCA nventory. Not applicable SARA 311/312 (>0.1%): SARA 313 (>0.1%): Zinc Compounds Not applicable Domestic Substances List **Benzene** Trace metal impurity Benzene **Toluene** California Proposition 65 Female Not applicable Benzene nfineum T4002(Paratorq 4002) Zinc Compounds file:///T:/Quantum10/tmp/guantum1tmp.htm

#### IMDG Marine Pollutant: No - Not regulated

14.6. Special precautions for user

# 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

# **SECTION 15: Regulatory information**

CERCLA (>0.1%): Inventory - Canada - Non-

(NDSL):

California Proposition 65 Cancer:

California Proposition 65 **Developmental:** 

**Reproductive:** 

California Proposition 65 Male **Reproductive:** 

Inventory - Australia - Inventory of Chemical Substances (AICS):

## PETROLEUM D ST LLATES, HYDROTREATED HEAVY PARAFF N

Inventory - Japan Existing and **New Chemical Substances** (ENCS):

nfineum T4002(Paratorq 4002) () PETROLEUM D ST LLATES, HYDROTREATED HEAVY PARAFF N () Korean Existing Chemicals	
Inventory:	
nfineum T4002(Paratorq 4002) PETROLEUM D ST LLATES, HYDROTREATED HEAVY PARAFF N	
Inventory of Existing Chemical Substances in China:	
nfineum T4002(Paratorq 4002) PETROLEUM D ST LLATES, HYDROTREATED HEAVY PARAFF N	
Zinc Compounds	
Philippines Inventory of Chemicals and Chemical Substances (PICCS) :	
nfineum T4002(Paratorq 4002) PETROLEUM D ST LLATES, HYDROTREATED HEAVY PARAFF N Zinc Compounds	
Taiwan List of Toxic Chemical Substances regulated under Toxic Chemical Substances Control Act :Not applicable	
EU REACH: Annex XVII, Dangerous Substances and Preparations:	
PETROLEUM D ST LLATES, HYDROTREATED HEAVY PARAFF N	
Inventory - European Union - European Inventory of Existing Commercial Chemical Substances (EINECS):	
nfineum T4002(Paratorq 4002) () PETROLEUM D ST LLATES, HYDROTREATED HEAVY PARAFF N (265-157-	·1)
Zinc Compounds ()	·
EU List of Notified Chemical Not applicable Substances (ELINCS):	
Risk Phrases	
Not Classified.	

#### SECTION 16: Other information

This information has been compiled from sources considered to be dependable and is accurate to the best of Lubricating Specialties Company knowledge. Lubricating Specialties Company makes no warranty whatsoever, expressed or implied, of MERCHANTAB L TY OR F TNESS FOR THE PART CULAR PURPOSE, regarding the accuracy of such data or the results to be obtained from the use thereof.

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The full text of the phrases appearing in section 3 is:

This is the first revision of this SDS format, changes from previous revision not applicable.

