

Revision Number: 001.0 Issue date: 06/09/2010

#### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: MULTAN GEAR MARK 39SY20 (235 PE IDH number: 595282

Product use: Lubricant

Region: Canada

Company address:Contact information:Henkel Canada CorporationTelephone: 905.814.6511

2225 Meadowpine Boulevard
Mississauga, Ontario L5N 7P2
Mississauga, Ontario L5N 7P2

MEDICAL EMERGENCY Phone: Poison Control Center
1-877-671-4608 (toll free) or 1-303-592-1711
TRANSPORT EMERGENCY Phone: CHEMTREC
1-800-424-9300 (toll free) or 1-703-527-3887

Internet: www.henkelna.com

#### 2. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW** 

Physical state: Liquid WHMIS hazard class: D.2.B

Color: Yellow Odor: Petroleum

WARNING: CAUSES EYE. SKIN AND RESPIRATORY TRACT IRRITATION.

MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS.

Relevant routes of exposure: Skin, Inhalation, Eyes

**Potential Health Effects** 

**Inhalation:** Inhalation of vapors or mists of the product may be irritating to the respiratory system.

Excessive inhalation of this material causes headache, dizziness, nausea and incoordination. Repeated and prolonged overexposure to oil mists may result in droplet deposition, oil

granuloma formation, inflammation and increased incidence of infection.

Skin contact: This product may cause irritation to the skin. Prolonged and/or repeated skin contact with this

product may cause irritation/dermatitis. If this material is injected beneath the skin, regardless of amount injected, get immediate medical attention. Do not wait for symptoms to develop. A component in this product may be absorbed through the skin in harmful amounts.

Eye contact: This product may be severely irritating to the eyes.

**Ingestion:** Ingestion of this product may cause nausea, vomiting and diarrhea. May cause dizziness,

incoordination, headache, nausea, and vomiting. Small amounts of this product, if aspirated

into the lungs, may cause mild to severe pulmonary injury.

Existing conditions aggravated by

exposure:

Eye, skin, and respiratory disorders.

See Section 11 for additional toxicological information.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	CAS NUMBER	%
Lubricating grease	Proprietary	30 - 60
Yellow Pigment	Proprietary	30 - 60
Surfactant	Proprietary	1 - 5

## 4. FIRST AID MEASURES

**Inhalation:**If mist or vapor of this product is inhaled, remove person immediately to fresh air. Seek medical attention if symptoms develop or persist.

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Skin contact: Immediately wash skin thoroughly with soap and water. If symptoms develop

and persist, get medical attention. If this material is injected beneath the skin, regardless of amount injected, get immediate medical attention. Do not wait

for symptoms to develop.

Eye contact: In case of contact with eyes, rinse immediately with plenty of water and seek

medical advice.

**Ingestion:** Get immediate medical attention. Do not induce vomiting.

Notes to physician: This material, if aspirated into the lungs, may cause chemical pneumonitis;

treat the affected person appropriately.

#### 5. FIRE FIGHTING MEASURES

Flash point: > 300 °F (> 148.89 °C)

Autoignition temperature: Not applicable

Flammable/Explosive limits - lower: Not applicable

Flammable/Explosive limits - upper: Not applicable

Extinguishing media: Water spray (fog), foam, dry chemical or carbon dioxide.

Special firefighting procedures: Wear full protective clothing. Wear self-contained breathing apparatus.

**Unusual fire or explosion hazards:**This product is combustible at high temperatures.

Hazardous combustion products: Upon decomposition, this product emits carbon monoxide, carbon dioxide

and/or low molecular weight hydrocarbons.

Sensitivity to Mechanical Impact: Not available

Sensitivity to static discharge: Not available

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## 6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Wear appropriate

protective equipment and clothing during clean-up. Eliminate ignition sources

including sources of electrical, static or frictional sparks.

Clean-up methods: Absorb spill with inert material. Shovel material into appropriate container for

disposal. Dispose of according to Federal, State and local governmental

regulations.

## 7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists of

this product. Do not take internally. For industrial use only. Provide adequate

ventilation.

Storage: Keep container tightly closed and in a cool, well-ventilated place away from

incompatible materials. Do not pressurize, cut, heat or weld containers. Empty product containers may contain product residue. Do not reuse empty

containers.

For information on product shelf life contact Henkel Canada Customer Service at (905) 814-6511.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Lubricating grease	None	None	None	None
Yellow Pigment	5 mg/m3 TWA Iron oxide fume as Fe	10 mg/m3 STEL Iron oxide fume as Fe	None	None
Surfactant	None	None	None	None

Engineering controls: Provide local and general exhaust ventilation to effectively remove and

prevent buildup of any vapors or mists generated from the handling of this

product.

Respiratory protection: If ventilation is not sufficient to effectively prevent buildup of aerosols, mists or

vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

Eye/face protection: Wear safety glasses; chemical goggles (if splashing is possible).

**Skin protection:** Chemical resistant, impermeable gloves. Gloves should be tested to

determine suitability for prolonged contact. Use of impervious apron and boots

are recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid Color: Yellow Petroleum Odor: Odor threshold: Not available Not determined pH: Vapor pressure: Not determined Boiling point/range: > 300 °F (> 148.9 °C) Melting point/ range: Not available Specific gravity: 0.90 at 60 °F (15.56 °C) Vapor density: Not determined Flash point: > 300 °F (> 148.89 °C) Flammable/Explosive limits - lower: Not applicable Flammable/Explosive limits - upper: Not applicable Autoignition temperature: Not applicable Not determined **Evaporation rate:** Solubility in water: Negligible Partition coefficient (n-octanol/water): Not available

## 10. STABILITY AND REACTIVITY

Not applicable

Stability: Stable at normal conditions.

**Hazardous reactions:**None under normal processing.

Hazardous decomposition products: Upon decomposition, this product emits carbon monoxide, carbon dioxide

and/or low molecular weight hydrocarbons.

Incompatible materials: This product may react with strong acids, bases and oxidizing agents.

**Conditions to avoid:** Keep away from heat, ignition sources and incompatible materials.

## 11. TOXICOLOGICAL INFORMATION

Toxicologically synergistic products: Not available

**VOC** content:

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Refer to the following for Irritancy of Product, Sensitization to Product, Carcinogenicity, Reproductive Toxicity, Teratogenicity, and Mutagenicity.

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)	ACGIH Carcinogen
Lubricating grease	No	No	No	No
Yellow Pigment	No	No	No	No
Surfactant	No	No	No	No

Hazardous components	LD50s and LC50s	Health Effects/Target Organs
Lubricating grease	None	No Data
Yellow Pigment	None	Irritant
Surfactant	None	Irritant

# 12. ECOLOGICAL INFORMATION

Ecological information: Not available

#### 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Dispose of according to Federal, State and local governmental regulations.

## 14. TRANSPORT INFORMATION

Canada Transportation of Dangerous Goods - Ground

Proper shipping name: Not regulated Hazard class or division: None Identification number: None Packing group: None

International Air Transportation (ICAO/IATA)

Proper shipping name:Not regulatedHazard class or division:NoneIdentification number:NonePacking group:None

Water Transportation (IMO/IMDG)

Proper shipping name: Not regulated Hazard class or division: None Identification number: None Packing group: None

## 15. REGULATORY INFORMATION

**Canada Regulatory Information** 

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Canadian Domestic

Substances List.

**United States Regulatory Information** 

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act

Inventory.

## 16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: New Material Safety Data Sheet format

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation (CPR), and the MSDS contains all the information required by the CPR.

Prepared by: Jennifer Mckay, Regulatory Affairs Specialist

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