



MATERIAL SAFETY DATA SHEET

US Continental
310 Reed Circle
Corona, CA 92879
Date Prepared: 6/29/09
US Continental

1. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME K&N Sealing Grease, Filter Grease part# 99-0703-1, 99-0704

SYNONYMS MC 3926, SODIUM GREASE

PRODUCT USE Lubricating Grease

SUPPLIER

US Continental
310 Reed Circle
Corona, CA 92879
Tel: (815) 808-8888
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U.S. and Canada - (800) 535-5053
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Date of last issue September 26, 2002

2. COMPOSITION AND INFORMATION ON INGREDIENTS

INGREDIENT NAME CAS No. WEIGHT

RESIDUAL OILS, PETROLEUM, SOLVENT-REFINED 64742-01-4 10-30 %

DISTILLATES, PETROLEUM, HYDROTREATED HEAVY NAPHTHENIC 64742-52-5 50-70 %

COMPOSITION COMMENTS Refer to section eight for exposure limits on ingredients.

Chemical ingredients not regulated by OSHA or SARA are treated confidentially.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Exposure to vapors generated at high temperatures may cause respiratory irritation.

SENSITIZATION No known information.

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CARCINOGENICITY IARC: Not listed as a Group 1, 2A, or 2B agent. OSHA: Not regulated. NTP: Not listed.

HEALTH WARNINGS INHALATION. Heating can generate vapors that may cause respiratory irritation, nausea and headaches. Inhalation hazard at room temperature is unlikely due to the low volatility of this product. SKIN CONTACT. Repeated or prolonged contact can result in drying of the skin. INGESTION. Can cause stomach ache and vomiting. Main hazard, if ingested, is aspiration into the lungs and subsequent pneumonitis. EYE CONTACT. Slightly irritating.

ROUTE OF ENTRY Inhalation. Skin and/or eye contact. Ingestion.

4. FIRST AID MEASURES

INHALATION Vapor inhalation under ambient conditions is normally not a problem. If overcome by vapor of hot product, immediately remove from source of exposure. Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. Get medical attention if any discomfort continues.

EYES Rinse the eye with water immediately. Continue to rinse for at least 15 minutes.

Contact physician if discomfort continues.

SKIN Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

INGESTION DO NOT INDUCE VOMITING! Get medical attention immediately!

5. FIRE FIGHTING MEASURES

FLASH POINT (°C) 224 (435°F) Cd OC (Cleveland open cup).

FLAMMABILITY LIMIT - LOWER(%) N/D

FLAMMABILITY LIMIT - UPPER(%) N/D

EXTINGUISHING MEDIA Use: Carbon dioxide (CO₂). Dry chemicals, sand, dolomite etc. Alcohol resistant foam. Water spray, fog or mist.

SPECIAL FIRE FIGHTING PROCEDURES

Use water to keep fire exposed containers cool and disperse vapors. Water spray may be used to flush spills away from exposures and dilute spills to non-flammable mixtures. Avoid water in straight hose stream; will scatter and spread fire. Keep run-off water out of sewers and water sources. Dike for water control.

UNUSUAL FIRE & EXPLOSION

HAZARDS

Pressure will increase in over heated, closed containers.

HAZARDOUS COMBUSTION

PRODUCTS

Oxides of: Carbon.

PROTECTIVE MEASURES IN CASE OF FIRE

Self-contained breathing equipment and chemical resistant clothing recommended.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS Minimize skin contact.

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PRECAUTIONS TO PROTECT THE ENVIRONMENT

Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with applicable government regulations.

SPILL CLEAN-UP PROCEDURES Keep all sources of ignition and hot metal surfaces away from spill. Avoid contact with

eyes or skin. Place leaking containers in well ventilated area. If fire potential exists, blanket spill with foam or use water spray to disperse vapors. Contain spill to minimize contaminated area and facilitate salvage or disposal. To clean up spill, flush area sparingly with water or use absorbant material. Avoid discharge to natural water ways.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapors.

Use approved respirator if air contamination is above accepted level. Do not reuse container. Keep lid closed when not in use. Do not store or mix with strong oxidizers. Avoid spilling, skin and eye contact. Eye wash and emergency shower must be available at the work place.

STORAGE PRECAUTIONS Store separate from strong acids and oxidizers. Keep away from heat, sparks and open flame.

STORAGE CRITERIA Chemical storage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

COMPONENT STD STEL TWA TWA STEL

RESIDUAL OILS, PETROLEUM,
SOLVENT-REFINED

5 mg/m3 (oil mist) OSHA
5 mg/m3 (oil mist) ACGIH 10 mg/m3 (oil mist)
DISTILLATES, PETROLEUM, HYDROTREATED
HEAVY NAPHTHENIC
5 mg/m3 (oil mist) OSHA
5 mg/m3 (oil mist) ACGIH 10 mg/m3 (oil mist)

PROTECTIVE EQUIPMENT

ENGINEERING CONTROLS Use engineering controls to reduce air contamination to permissible exposure level.

VENTILATION No specific ventilation requirements noted, but forced ventilation may still be required if air contamination exceeds acceptable level.

RESPIRATORS No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

PROTECTIVE GLOVES Chemical resistant gloves recommended to prevent prolonged or repeated contact.

EYE PROTECTION Wear splash-proof eye goggles to prevent any possibility of eye contact.

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PROTECTIVE CLOTHING Wear appropriate clothing to prevent repeated or prolonged skin contact.

HYGIENIC WORK PRACTICES Wash at the end of each work shift and before eating, smoking and using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE Grease.

COLOR Amber.

ODOR Mild (or faint). Petroleum.

SOLUBILITY DESCRIPTION Insoluble in water.

0.90 **Temperature (°C)** 15.6 (60°F) **DENSITY**

VAPOR DENSITY (air=1) > 5

< 0.1 mmHg **Temperature (°C)** 20 (68°F) **VAPOR PRESSURE**

< 0.01 **Reference BuAc=1** **EVAPORATION RATE**

pH-VALUE, CONC. SOLUTION N/A

10. STABILITY AND REACTIVITY

STABILITY Normally stable.

CONDITIONS TO AVOID Avoid contact with acids and oxidizing substances.

HAZARDOUS POLYMERIZATION Will not occur.

POLYMERIZATION DESCRIPTION Not applicable

HAZARDOUS DECOMPOSITION

PRODUCTS

Oxides of: Carbon.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION No experimental toxicological data on the preparation as such is available.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION There is no ecological data on the product itself.

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13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS Spilled material, unused contents and empty containers must be disposed of in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT HAZARD CLASS Not regulated.

SEA TRANSPORT NOTES Not regulated per IMDG.

AIR TRANSPORT NOTES Not regulated per IATA.

15. REGULATORY INFORMATION

US FEDERAL REGULATIONS

COMPONENT SARA 302 CERCLA SARA 313

No No No RESIDUAL OILS, PETROLEUM, SOLVENT-REFINED

No No No DISTILLATES, PETROLEUM, HYDROTREATED HEAVY NAPHTHENIC

CLEAN AIR ACT

SARA HAZARD CATEGORIES None

US STATE REGULATIONS

COMPONENT CA FL MN NJ PA RI MA

DISTILLATES, PETROLEUM, HYDROTREATED

HEAVY NAPHTHENIC

Yes Yes

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM - WHMIS

WHMIS NOT CONTROLLED: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Not a controlled product.

GLOBAL INVENTORIES

COMPONENT CAN US AUS JAP KOR PHLP CHN EU

RESIDUAL OILS, PETROLEUM,

SOLVENT-REFINED

DSL Yes EINECS Yes Yes Yes Yes Yes

DISTILLATES, PETROLEUM, HYDROTREATED

HEAVY NAPHTHENIC

DSL Yes EINECS Yes Yes Yes Yes Yes

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16. OTHER INFORMATION

NFPA-HMIS HAZARD RATING

HEALTH Irritation, minor residual injury (1) - HMIS/NFPA

FLAMMABILITY Burns only if pre-heated (1) - HMIS/NFPA

REACTIVITY Normally Stable (0) - HMIS/NFPA

PERSONAL PROTECTION INDEX B - Safety Eyewear and Gloves

PREPARED BY Heather Holich

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DISCLAIMER While the information and recommendations set forth herein are believed to be accurate as of the date thereof, the company makes no warranty with respect thereto and disclaims all liability from reliance therein.

* **Information revised since previous MSDS version**

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