

C.A.G. EQUIPEMENT

TEL 450 966-6622

Material Safety Data Sheet #32-045 Valve Grinding Oil

1. Product and company identification

Product name #32-045

MSDS # 459463

Historic MSDS #: 05281

Product use Metalworking fluid - neat.

For specific application advice see appropriate Technical Data Sheet or consult our company representative.

Code 459463-CA01

Manufacturer Castrol Industrial North America, Inc.

150 W. Warrenville Road

Naperville, IL 60563

Supplier Wakefield Canada, Limited

3620 Lakeshore Blvd West

Toronto, Ontario, Canada

M8W 1P2

Castrol Industrial North America, Inc.

150 W. Warrenville Road

Naperville, IL 60563

Product Information: +1-877-641-1600

EMERGENCY SPILL

INFORMATION:

1 (613) 996-6666 CANUTEC (Canada)

2. Hazards identification

Physical state

Color Clear Red. [Light]

Emergency overview CAUTION !

Routes of entry Dermal contact. Eye contact. Inhalation.

Potential health effects

See toxicological information (Section 11)

MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION.

ASPIRATION HAZARD.

HARMFUL OR FATAL IF SWALLOWED.

CAN ENTER LUNGS AND CAUSE DAMAGE.

Prolonged or repeated contact can defat the skin and lead to irritation and/or dermatitis.

Aspiration hazard if swallowed. Can enter lungs and cause damage. In accordance with good industrial hygiene and safety work practices, airborne exposures should be controlled to the lowest extent practicable. Do not ingest. If ingested, do not induce vomiting. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling.

Inhalation May cause respiratory tract irritation.

Skin May cause skin irritation.

Eyes May cause eye irritation.

Aspiration hazard if swallowed. Can enter lungs and cause damage. Ingestion may cause gastrointestinal irritation and diarrhea.

Ingestion

Liquid.

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3. Composition/information on ingredients

Ingredient name

Distillates, petroleum, hydrotreated middle 64742-46-7 90 - 95

CAS # %

4. First aid measures

Eye contact In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.

Skin contact Immediately wash exposed skin with soap and water. Remove contaminated clothing and shoes.

Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if symptoms occur.

Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

5. Fire-fighting measures

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.

No action shall be taken involving any personal risk or without suitable training.

Protective clothing (fire) Fire-fighters should wear appropriate protective equipment and self-contained breathing

apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighting procedures

Hazardous combustion products

Combustion products may include the following:

carbon oxides (CO, CO₂) (carbon monoxide, carbon dioxide)

Fire/explosion hazards In a fire or if heated, a pressure increase will occur and the container may burst.

Flash point Open cup: 126°C (258.8°F) [Cleveland.]

Extinguishing media

Suitable Use an extinguishing agent suitable for the surrounding fire.

Not suitable Do not use water jet.

6. Accidental release measures

No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. In accordance with good industrial hygiene and safety work practices, airborne exposures should be controlled to the lowest extent practicable. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

Stop leak if without risk. Move containers from spill area. Approach release from upwind.

Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Personal precautions

Large spill

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if watersoluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Small spill

Methods for cleaning up

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7. Handling and storage

Handling Put on appropriate personal protective equipment (see Section 8). Workers should wash hands and face before eating, drinking and smoking. Do not breathe vapor or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate.

Storage Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and wellventilated

area, away from incompatible materials (see Section 10). Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. Exposure controls/personal protection

Occupational exposure limits

Ingredient name Occupational exposure limits

Distillates, petroleum, hydrotreated middle **ACGIH (United States).**

TWA: 5 mg/m³ 8 hours. Form: Oil mist, mineral

OSHA (United States).

TWA: 5 mg/m³ 8 hours. Form: Oil mist, mineral

While specific OELs for certain components may be shown in this section, other components may be present in any mist, vapor or dust produced. Therefore, the specific OELs may not be applicable to the product as a whole and are provided for guidance only.

Control Measures Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist,

use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Hygiene measures Wash hands, forearms and face thoroughly after handling chemical products, before eating,

smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

Personal protection

Eyes Avoid contact with eyes. Safety glasses with side shields or chemical goggles.

Skin and body Avoid contact with skin and clothing. Wear suitable protective clothing.

Respiratory Use adequate ventilation. In accordance with good industrial hygiene and safety work practices,

airborne exposures should be controlled to the lowest extent practicable.

Hands The correct choice of protective gloves depends upon the chemicals being handled, the conditions of work and use, and the condition of the gloves (even the best chemically resistant glove will break down after repeated chemical exposures). Most gloves provide only a short time of protection before they must be discarded and replaced. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. Gloves should therefore be chosen in consultation with the supplier/manufacturer and with a full assessment of the working conditions.

9. Physical and chemical properties

Physical state Liquid.

Color Clear Red. [Light]

Odor Mild.

Density 830 kg/m³ (0.83 g/cm³) at 15°C

Specific gravity Not available.

Odor threshold Not available.

Flash point Open cup: 126°C (258.8°F) [Cleveland.]

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Boiling point / Range Not available.

Melting point / Range Not available.

pH Not available.

Viscosity Kinematic: 5 mm²/s (5 cSt) at 40°C

Vapor density Not available.

Vapor pressure

Evaporation rate Not available.

Solubility insoluble in water.

Not available.

LogK_{ow} Not available.

10. Stability and reactivity

The product is stable.

Reactive or incompatible with the following materials: oxidizing materials.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Avoid all possible sources of ignition (spark or flame).

Stability and reactivity

Conditions to avoid

Incompatibility with

various substances

Hazardous decomposition

products

Hazardous polymerization Under normal conditions of storage and use, hazardous polymerization will not occur.

Possibility of hazardous

reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

11. Toxicological information

Potential chronic health effects

Carcinogenicity No known significant effects or critical hazards.

Fertility effects No known significant effects or critical hazards.

Medical conditions

aggravated by overexposure

None known.

Mutagenicity No known significant effects or critical hazards.

Reproductive effects No known significant effects or critical hazards.

Teratogenicity No known significant effects or critical hazards.

12. Ecological information

Ecotoxicity

No testing has been performed by the manufacturer.

13. Disposal considerations

Waste information The generation of waste should be avoided or minimized wherever possible. Disposal of this

product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

NOTE: The generator of waste has the responsibility for proper waste identification (based on characteristic(s) or listing), transportation and disposal

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14. Transport information

Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO)

15. Regulatory information

WHMIS (Canada) Not controlled under WHMIS (Canada).

Not determined.

All components are listed or exempted.

Not determined.

Not determined.

Not determined.

Not determined.

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.

Canada inventory

China inventory (IECSC)

Japan inventory (ENCS)

Korea inventory (KECI)

Philippines inventory
(PICCS)

Australia inventory (AICS)

Other regulations

United States inventory

(TSCA 8b)

All components are listed or exempted.

REACH Status For the REACH status of this product please consult your company contact, as identified in Section 1.

Taiwan inventory (CSNN) Not determined.

16. Other information

Label requirements CAUTION !

History

Date of previous issue

Prepared by Product Stewardship

Notice to reader

All reasonably practicable steps have been taken to ensure this data sheet and the health, safety and environmental information contained in it is accurate as of the date specified below. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this data sheet. The data and advice given apply when the product is sold for the stated application or applications. You should not use the product other than for the stated application or applications without seeking advice from BP Group. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The BP Group shall not be responsible for any damage or injury resulting from use, other than the stated product use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material. Purchasers of the product for supply to a third party for use at work, have a duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet. Employers have a duty to tell employees and others who may be affected of

any hazards described in this sheet and of any precautions that should be taken. You can contact the BP Group to ensure that this document is the most current available. Alteration of this document is strictly prohibited.

MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION.

ASPIRATION HAZARD.

HARMFUL OR FATAL IF SWALLOWED.

CAN ENTER LUNGS AND CAUSE DAMAGE.

03/25/2015.

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Indicates information that has changed from previously issued version.

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