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NEXTGEN CONVENTIONAL 5W-30 MOTOR OIL 771579

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Ashland Regulatory Information Number 1-800-325-3751 P.O. Box 2219 Telephone 614-790-3333

Columbus, OH 43216 Emergency telephone number 1-800-ASHLAND (1-800-274-

5263)

Product name NEXTGEN CONVENTIONAL 5W-30 MOTOR OIL

Product code 771579
Product Use Description No data

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance: liquid

CAUTION! PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE

IRRITATION.

Potential Health Effects

Exposure routes

Inhalation, Skin absorption, Skin contact, Eye Contact, Ingestion

Eve contact

May cause mild eye irritation. Symptoms include stinging, tearing, and redness.

Skin contact

May cause mild skin irritation. Symptoms may include redness and burning of skin. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, and drying and cracking of skin, skin burns, and other skin damage.

Ingestion

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.



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Inhalation

It is possible to breathe this material under certain conditions of handling and use (for example, during heating, spraying, or stirring). Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms are not expected at air concentrations below the recommended exposure limits, if applicable (see Section 8.).

Aggravated Medical Condition

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material:, Skin, lung (for example, asthma-like conditions)

Symptoms

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include:, acne, stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways)

Target Organs

No data

Carcinogenicity

This material is not listed as a carcinogen by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or the Occupational Safety and Health Administration (OSHA). Used motor oil has been shown to cause skin cancer in laboratory animals continually exposed by repeated applications. Avoid prolonged or repeated skin contact.

Reproductive hazard

There are no data available for assessing risk to the fetus from maternal exposure to this material.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	CAS-No.	Concentration
LUBRICATING OILS, PETROLEUM,	64742-58-1	>=50-<60%
HYDROTREATED SPENT		
HEAVY PARAFFINIC DISTILLATE	64742-54-7	>=20-<30%
HYDROTREATED HEAVY PARAFFINIC BASE	64742-54-7	>=5-<10%
OIL		
HEAVY PARAFFINIC DISTILLATE	64742-54-7	>=1.5-<5%



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4. FIRST AID MEASURES

Eyes

If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.

Skin

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

Ingestion

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Inhalation

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Notes to physician

Hazards: Acute aspiration of large amounts of oil-laden material may produce a serious aspiration pneumonia. Patients who aspirate these oils should be followed for the development of long-term sequelae. Repeated aspiration of small quantities of mineral oil can produce chronic inflammation of the lungs (i.e. lipoid pneumonia) that may progress to pulmonary fibrosis. Symptoms are often subtle and radiological changes appear worse than clinical abnormalities. Occasionally, persistent cough, irritation of the upper respiratory tract, shortness of breath with exertion, fever, and bloody sputum occur. Inhalation exposure to oil mists below current workplace exposure limits is unlikely to cause pulmonary abnormalities.

Treatment: No information available.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media



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Dry chemical, Carbon dioxide (CO2), Water spray

Hazardous combustion products

carbon dioxide and carbon monoxide, Hydrocarbons, Aldehydes

Precautions for fire-fighting

Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA). DO NOT direct a solid stream of water or foam into hot, burning pools of liquid since this may cause frothing and increase fire intensity. Frothing can be violent and possibly endanger any firefighter standing too close to the burning liquid. Use water spray to cool fire exposed containers and structures until fire is out if it can be done with minimal risk. Avoid spreading burning material with water used for cooling purposes.

NFPA Flammable and Combustible Liquids Classification

Combustible Liquid Class IIIB

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

For personal protection see section 8. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Environmental precautions

Prevent spreading over a wide area (e.g. by containment or oil barriers). Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

Methods for cleaning up

Keep in suitable, closed containers for disposal. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Other information

Comply with all applicable federal, state, and local regulations.

7. HANDLING AND STORAGE

Handling



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Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

Storage

Store in a cool, dry, ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

HYDROTREATED PARAFFINIC DISTILLATE, DEWAXED			
NIOSH	Recommended exposure limit (REL):	5 mg/m3	Mist.
NIOSH	Short term exposure limit	10 mg/m3	Mist.
OSHA Z1	Permissible exposure limit	5 mg/m3	Mist.
ACGIH	time weighted average	5 mg/m3	Inhalable fraction.

General advice

These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

Exposure controls

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

Eye protection

Not required under normal conditions of use. Wear splash-proof safety goggles if material could be misted or splashed into eyes.

Skin and body protection

Wear normal work clothing including long pants, long-sleeved shirts and foot covering to prevent direct contact of the product with the skin. Launder clothing before reuse. If skin irritation develops, contact your facility health and safety professional or your local safety equipment supplier to determine the proper personal protective equipment for your use.

Wear resistant gloves (consult your safety equipment supplier).



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Respiratory protection

A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state liquid

Form no data available
Colour no data available
Odour no data available

Boiling point/boiling range 599 °F / 315 °C Calculated Phase Transition

Liquid/Gas

Melting point/rangeno data availableSublimation pointno data availablepHno data available

Flash point $> 390 \, ^{\circ}\text{F} / > 199 \, ^{\circ}\text{C}$ Cleveland open cup

Ignition temperatureno data availableEvaporation rateno data available

Lower explosion limit/Upper explosion limit 1 %(V) / 6 %(V) Calculated Explosive Limit

Particle size no data available

Vapour pressure 1.000 hPa Calculated Vapor Pressure

Relative vapour density no data available
Density 0.8602 g/cm3

Density0.8602 g/cm3Bulk densityNo dataWater solubilityno data available

Solubility(ies) no data available **Partition coefficient: n-octanol/water** no data available

log Powno data availableAutoignition temperatureno data availableViscosity, dynamicno data availableViscosity, kinematicno data availableSolids in Solutionno data availableDecomposition temperatureno data available

Burning number no data available



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Dust explosion constantno data available**Minimum ignition energy**no data available

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

None known.

Incompatible products

Strong oxidizing agents

Hazardous decomposition products

carbon dioxide and carbon monoxide, Hydrocarbons

Hazardous reactions

Product will not undergo hazardous polymerization.

Thermal decomposition

No data

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity

LUBRICATING OILS, PETROLEUM, : no data available

HYDROTREATED SPENT

HEAVY PARAFFINIC DISTILLATE : LD 50 Rat: > 15 g/kg

HYDROTREATED HEAVY PARAFFINIC BASE OIL : LD 50 Rat: > 15 g/kg

HEAVY PARAFFINIC DISTILLATE : LD 50 Rat: > 15 g/kg

Acute inhalation toxicity

LUBRICATING OILS, PETROLEUM, : no data available

HYDROTREATED SPENT

HEAVY PARAFFINIC DISTILLATE : no data available



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HYDROTREATED HEAVY PARAFFINIC BASE OIL : no data available

HEAVY PARAFFINIC DISTILLATE : no data available

Acute dermal toxicity

LUBRICATING OILS, PETROLEUM, : no data available

HYDROTREATED SPENT

HEAVY PARAFFINIC DISTILLATE : LD 50 Rabbit: > 5 g/kg

HYDROTREATED HEAVY PARAFFINIC BASE OIL : LD 50 Rabbit: > 5 g/kg

HEAVY PARAFFINIC DISTILLATE : LD 50 Rabbit: > 5 g/kg

12. ECOLOGICAL INFORMATION

Biodegradability

LUBRICATING OILS, PETROLEUM, : no data available

HYDROTREATED SPENT

HEAVY PARAFFINIC DISTILLATE : no data available

HYDROTREATED HEAVY PARAFFINIC BASE OIL : no data available

HEAVY PARAFFINIC DISTILLATE : no data available

Bioaccumulation

LUBRICATING OILS, PETROLEUM, : no data available

HYDROTREATED SPENT

HEAVY PARAFFINIC DISTILLATE : no data available

HYDROTREATED HEAVY PARAFFINIC BASE OIL : no data available

HEAVY PARAFFINIC DISTILLATE : no data available

Ecotoxicity effects

Toxicity to fish

LUBRICATING OILS, PETROLEUM, : no data available



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HYDROTREATED SPENT

HEAVY PARAFFINIC DISTILLATE : no data available

HYDROTREATED HEAVY PARAFFINIC BASE OIL : no data available

HEAVY PARAFFINIC DISTILLATE : no data available

Toxicity to daphnia and other aquatic invertebrates.

LUBRICATING OILS, PETROLEUM, : no data available

HYDROTREATED SPENT

HEAVY PARAFFINIC DISTILLATE : no data available

HYDROTREATED HEAVY PARAFFINIC BASE OIL : no data available

HEAVY PARAFFINIC DISTILLATE : no data available

Toxicity to algae

LUBRICATING OILS, PETROLEUM, : no data available

HYDROTREATED SPENT

HEAVY PARAFFINIC DISTILLATE : no data available

HYDROTREATED HEAVY PARAFFINIC BASE OIL : no data available

HEAVY PARAFFINIC DISTILLATE : no data available

Toxicity to bacteria

LUBRICATING OILS, PETROLEUM, : no data available

HYDROTREATED SPENT

HEAVY PARAFFINIC DISTILLATE : no data available

HYDROTREATED HEAVY PARAFFINIC BASE OIL : no data available

HEAVY PARAFFINIC DISTILLATE : no data available

Biochemical Oxygen Demand (BOD)

LUBRICATING OILS, PETROLEUM, : no data available

HYDROTREATED SPENT

HEAVY PARAFFINIC DISTILLATE : no data available



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HYDROTREATED HEAVY PARAFFINIC BASE OIL : no data available

HEAVY PARAFFINIC DISTILLATE : no data available

Chemical Oxygen Demand (COD)

LUBRICATING OILS, PETROLEUM, : no data available

HYDROTREATED SPENT

HEAVY PARAFFINIC DISTILLATE : no data available

HYDROTREATED HEAVY PARAFFINIC BASE OIL : no data available

HEAVY PARAFFINIC DISTILLATE : no data available

Additional ecological information

LUBRICATING OILS, PETROLEUM, : no data available

HYDROTREATED SPENT

HEAVY PARAFFINIC DISTILLATE : no data available

HYDROTREATED HEAVY PARAFFINIC BASE OIL : no data available

HEAVY PARAFFINIC DISTILLATE : no data available

13. DISPOSAL CONSIDERATIONS

Waste disposal methods

For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact Ashland Distribution's Environmental Services Group at 800-637-7922.

14. TRANSPORT INFORMATION

REGULATION

ID	PROPER SHIPPING NAME	*HAZARD	SUBSIDIARY	PACKING	MARINE
NUMBER		CLASS	HAZARDS	GROUP	POLLUTANT
					/ LTD. QTY.

MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES



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Not dangerous goods
INTERDAL MICHAEL AND TED ANGRODIE AGGOCIATION. DAGGENGER
INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER
Not dangerous goods
INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO
Not dangerous goods
INTERNATIONAL MARITIME DANGEROUS GOODS
Not dangerous goods
TRANSPORT CANADA - INLAND WATERWAYS
Not dangerous goods
TRANSPORT CANADA - RAIL
Not dangerous goods
TRANSPORT CANARA ROAR
TRANSPORT CANADA - ROAD
Not dangerous goods
U.S. DOT - INLAND WATERWAYS
Not dangerous goods
U.S. DOT - RAIL
Not dangerous goods
M.S. DOTT. DOAD
U.S. DOT - ROAD
Not dangerous goods

*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

15. REGULATORY INFORMATION

California Prop. 65



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Proposition 65 warnings are not required for this product based	
on the results of a risk assessment.	

SARA Hazard Classification

No SARA Hazards

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

New Jersey I	RTK Label	Information
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LUBRICATING OILS, PETROLEUM, HYDROTREATED SPENT	64742-58-1
HEAVY PARAFFINIC DISTILLATE	64742-54-7
HYDROTREATED HEAVY PARAFFINIC BASE OIL	64742-54-7
HYDROTREATED PARAFFINIC DISTILLATE, DEWAXED	
HEAVY PARAFFINIC DISTILLATE	64742-54-7

Pennsylvania RTK Label Information

LUBRICATING OILS, PETROLEUM, HYDROTREATED SPENT	64742-58-1
HEAVY PARAFFINIC DISTILLATE	64742-54-7
HYDROTREATED HEAVY PARAFFINIC BASE OIL	64742-54-7
HYDROTREATED PARAFFINIC DISTILLATE, DEWAXED	

Notification status

US. Toxic Substances Control Act	y (positive listing)
Canada. Canadian Environmental Protection Act (CEPA).	y (positive listing)
Domestic Substances List (DSL). (Can. Gaz. Part II, Vol. 133)	
Australia. Industrial Chemical (Notification and Assessment)	y (positive listing)
Act	
New Zealand. Inventory of Chemicals (NZIoC), as published	y (positive listing)
by ERMA New Zealand	
Japan. Kashin-Hou Law List	n (Negative listing)
Korea. Toxic Chemical Control Law (TCCL) List	y (positive listing)
Philippines. The Toxic Substances and Hazardous and Nuclear	y (positive listing)
Waste Control Act	
China. Inventory of Existing Chemical Substances	n (Negative listing)

	HMIS	NFPA
Health	1	1



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Flammability	1	1
Physical hazards	0	
Instability		0
Specific Hazard		

16. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by Ashland's Environmental Health and Safety Department (1-800-325-3751).