

HAGO

Important! For detailed information on this product and emergency measures, obtain the applicable Material Safety Data Sheet (MSDS). In the case of an emergency, please call our 24-hour hotline at 1-800-561-6682 or 1-403-314-8767.

May also be called: Heavy Atmospheric Gas Oil, Gas Oils (petroleum) straight-run, Petroleum distillates

Product/Substance Use:

- This product is a distilled fraction of crude oil, manufactured at NOVA Chemicals' Corunna, Ontario facility and shipped by pipeline, or marine vessel.
- This product is used as a hydrocarbon feedstock for gasoline or lubricating oil products.

Characteristics and Safe Handling:

- This product is regulated in the workplace as toxic and irritating, but is not regulated during transportation.
- This product is a thick, pale, yellow colored liquid, with a fuel oil odor.
- Any equipment used in areas of handling or storage of the heated product must be approved for flammable liquids and properly grounded for control of static electricity.
- Material burns readily when heated, and sparks or flames may ignite heated vapors or mists. Ignition from a distant source with flashback is possible.
- If released from containment, product may be ignited by uncontrolled heat, sparks or flames. Containers exposed to fire conditions may explode.
- Any release to land or water must be isolated, contained and recovered or cleaned up by properly trained and equipped personnel.

Health and Safety Information:

- Contact with product may cause irritation to the eyes and skin. **Flush immediately out of eyes and/or off of skin.** Prolonged skin contact with this product may cause dermatitis, chemical blistering and possible skin cancer.
- This product is harmful if inhaled. **Ensure adequate ventilation is available.** Breathing heated product vapors or mists may cause headache, dizziness, nausea and loss of coordination. Excessive inhalation of heated vapors over time may cause lung, kidney and liver damage. Aspiration of liquid into the lungs can cause mild to severe pulmonary injury.
- If accidentally swallowed, **DO NOT INDUCE VOMITING and seek immediate medical attention.** Aspiration of liquid into lungs may cause chemical pneumonia.

Environmental Information:

- Product is considered toxic to aquatic life and will "coat" the surface of plants, waterfowl, fish and other mammals resulting in serious injury and possible death.
- HAGO has minimal to no volatility to air. Product will strongly adhere to soils and sediment. Product does not solidify at normal room temperature.
- Liquid spills will float on surface of water and disperse if not contained by booms. Spills on land will be absorbed into soils and sediments. Components in soils and sediment biodegrade slowly. Soil remediation may be required for large spills. Recovery time for impacted area following a major spill may extend for months, possibly years.
- Associated wastes may be regulated in Canada and in the United States. Ensure all applicable regulations are met.

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For more information on this, or any other NOVA Chemicals' product, please contact us at the nearest location below during business hours or visit our website at www.novachem.com:

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