

PRODUCT BACKGROUNDER

VGO (Vacuum Gas Oil)

Important! For detailed information on this product and emergency measures, obtain the 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: Vacuum Gas Oil, VGO, Heavy Petroleum Distillates (Vacuum), Heavy Vacuum Distillate

Product/Substance Use:

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

Characteristics and Safe Handling:

- This product is regulated in the workplace as irritating and toxic, and is not regulated during transportation.
- This product is a thick, waxy, dark orange-brown coloured liquid, with a heavy fuel oil odour.
- 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.
- If released from containment, product may be ignited by uncontrolled heat, sparks or flames. Containers exposed to fire conditions may explode.
- Material burns readily when heated, and sparks or flames may ignite heated vapours or mists. Ignition from a distant source with flashback is possible.
- Any release to water or land must be isolated, contained and recovered or cleaned up by properly trained and equipped personnel.

Health and Safety Information:

- Wear all recommended personal protective equipment if any contact with this material is likely. Immediately remove and clean any contaminated clothing prior to reuse.
- Contact with product may cause irritation to the eyes and skin. Flush immediately out of eyes and/or off of skin. Repeated or prolonged skin contact with this product may cause irritation/dermatitis. For individuals particularly susceptible to skin cracking and dermatitis, in rare cases could lead to skin cancer.
- Ensure adequate ventilation is available as this product is harmful if inhaled. Breathing heated product vapours or mists may cause headache, dizziness, nausea and loss of coordination.
- This product is harmful if swallowed. If accidentally swallowed, DO NOT INDUCE VOMITING, as liquid drawn into lungs may cause serious injury (chemical pneumonia). Seek immediate medical attention.

Environmental Information:

- This product does not evaporate; it solidifies at normal room temperature.
- 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.
- 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.novachemicals.com:

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