

PRODUCT BACKGROUNDER

C9-200 Hydrocarbons

Important! For detailed information on this product and emergency measures, obtain the Material Safety Data Sheet ([MSDS](#))/Safety Data Sheet ([SDS](#)). 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: C₉+, Mixed Hydrocarbons, C9-200

Product/Substance Use:

- C9-200 is manufactured at NOVA Chemicals' Corunna, Ontario facility and transported by pipeline and marine.
- This product is sold to gasoline producers for blending into formulated gasoline and fuel products.

Characteristics and Safe Handling:

- C9-200 is regulated in the workplace as combustible and very toxic (suspected carcinogen).
- It is regulated in transportation as flammable.
- This product is a clear, amber-coloured liquid with an aromatic odour.
- If released from containment, C9-200 will start to evaporate and may be ignited by heat, sparks or flames. Containers exposed to fire conditions may explode.
- Any liquid or vapour release must be monitored due to risk of fire or explosion, and possible toxic effects. Ignition from a distant source with flashback is possible. Vapours are heavier than air and may collect to dangerous levels in low, underground or confined areas.
- Any equipment used in areas of handling or storage must be approved for flammable liquids and properly grounded for control of static electricity.
- C9-200 will float on water and product components evaporate rapidly. Any liquid release on water or land must be isolated, contained and recovered or cleaned up by properly trained and equipped personnel.

Health and Safety Information:

- This product is harmful if inhaled. Ensure adequate ventilation is available. Breathing product vapours may cause irritation and at high concentrations may cause headache, sleepiness, dizziness, nausea and loss of coordination and heartbeat irregularities. Over time, damage to the blood system, liver, kidney, reproductive and neurological systems and/or cancer may occur. With extended contact (usually in an enclosed space), unconsciousness or death is possible.
- Contact with C9-200 causes irritation to the eyes and skin. Wear all recommended personal protective equipment if any contact with this material is likely. Flush immediately out of eyes and/or off of skin. Prolonged skin contact may cause dermatitis. This product contains components that may be absorbed through the skin. Gloves and clothing contaminated with this product can increase exposure by skin absorption and can also pose a potential fire hazard. Immediately remove and clean any contaminated clothing prior to reuse or discard.
- C9-200 is harmful if accidentally swallowed and can be fatal even in small amounts. Seek immediate medical attention. DO NOT INDUCE VOMITING, as liquid drawn into lungs may cause serious injury (chemical pneumonia). This product may cause a serious blood disorder called methemoglobinemia upon ingestion.
- Some minor components, naphthalene, ethylbenzene and styrene, each representing less than 5% of this product has been listed as possibly carcinogenic to humans.

Environmental Information:

- C9-200 is volatile, insoluble in water (floats on water) with some absorption into soil and sediment. Product is moderately toxic to aquatic and terrestrial life.
- This product will photodegrade rapidly and is likely to biodegrade significantly into non-toxic products over time, at variable rates depending on conditions. Soil remediation may be required after large spills.
- 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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