

PRODUCT BACKGROUNDER

Aromatic Concentrate

Important! For detailed information on this product and emergency measures, obtain the Canadian Safety Data Sheet ([SDS](#))/ U.S. 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: Joffre Pygas, AC1, Pyrolysis Gasoline, High Benzene Naphthas, C5s/C5+

Product/Substance Use:

- This is an industrial product manufactured at NOVA Chemicals' Joffre, Alberta facility and transported in bulk by rail.
- This product must be further processed prior to its use as a feedstock for making other industrial chemicals and plastics.

Characteristics and Safe Handling:

- This product is a volatile, pale yellow liquid with a pungent, unpleasant odour.
- This product is classified as a flammable liquid, health and environmental hazard in the workplace and as flammable for transportation.
- Any equipment used in areas of handling or storage of the product must be approved for flammable liquids and properly grounded for control of static electricity. This product may be a static accumulator which can form an ignitable vapour-air mixture in a storage tank.
- If released from containment, product evaporates readily and may be easily 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.
- Product will float on water and product components evaporate rapidly. Any liquid release to land or water must be isolated, controlled to avoid ignition, 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 product is likely. Immediately remove and clean any contaminated clothing prior to reuse. Ensure adequate ventilation is available.
- This product is harmful if ingested or inhaled in large quantities. Symptoms include vomiting, nausea, abdominal pain and central nervous system effects including headache. During vomiting, minute amounts of material can be inhaled causing chemical pneumonia. Ingestion may also cause blood disorders.
- Contact with product may cause serious eye irritation and skin irritation.
- This product is known to cause cancer.
- Xylene (product component) is classified as a developmental toxicant in Canada.

Environmental Information:

- Aromatic Concentrate is volatile, slightly soluble in water, with low absorption into soil and sediment.
- Components of this product are considered very toxic to aquatic life. AC1 is not expected to accumulate in plant or animal tissues.
- Components of this product in air will begin to degrade in hours and more slowly in soils or ground waters. Soil remediation may be required for large spills.
- Associated wastes may be regulated in Canada and in the United States. Ensure all applicable regulations are met.

Updated: October 28, 2016

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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