What are GTL Fluids?
Shell GTL Fluids G70 and G85 are hydrocarbon products derived from natural gas feedstock converted into solvents/fluids with proprietary catalyst technology. This process delivers a unique substance of C8-C26 branched and linear paraffins.
The composition of individual products within this group are determined by the production parameters used.

Where are GTL Fluids Used?
GTL fluids are widely used in cleaning, coatings, degreasing, lubricant manufacture, agrochemicals and as a fuel.

Health, Safety and Environmental Considerations
These GTL fluids are not classified as a physical or an environmental hazard according to EU Classification and Labelling and Packaging criteria (CLP) of chemicals. Check the local SDS for regional variations.
Care should be taken not to ingest GTL fluids, because they may be aspirated into the lungs and result in severe lung damage and possibly death. As a first aid measure, vomiting should not be induced and medical attention should be sought immediately.
These GTL fluids are static accumulators. Even with proper grounding and bonding, this material can still accumulate an electrostatic charge. If sufficient charge is allowed to accumulate, electrostatic discharge and ignition of flammable air-vapour mixtures can occur. Prior to handling, persons need to be thoroughly trained to recognize and safely manage all aspects of the risks associated with static electricity.
Specific occupational exposure limits (OELs) are available for GTL fluids; they are in the range of 100 - 1200 mg/m³ depending on which components are present in the products.

Storing and Transporting GTL Fluids
These GTL fluids are not regulated as dangerous goods for transport. Appropriate guidelines and regulations for storage and handling should be followed.

Risk Characterization Summary
Risks associated with exposure to these products have been evaluated for the following “chain-of-commerce” activities: manufacture, storage, product transfer, transportation, and customers/markets.
They are manufactured, stored and transported to customers in closed systems. Depending on the customer, applications may vary from use as an intermediate for the manufacture of other chemicals, as commercial products or as certain formulated consumer products. Proper equipment design and handling procedures maintain low risk from exposure where used as an intermediate. Exposures may be higher in commercial and consumer applications. To minimize risk, additional controls, such as, special handling procedures and protective packaging are implemented.

NOTE: Further information on the REACH registration of solvents can be found at: http://www.reachcentrum.eu/en/consortiumslt/consortia-under-reach/hydrocarbon-solvents-reach-consortium.aspx

This product stewardship summary is intended to give general information about the chemical or categories of chemicals addressed. It is not intended to provide an in-depth discussion of health and safety information. Additional information is available through the chemical’s applicable Safety Data Sheet, which should be consulted before use of the chemical. This product stewardship summary does not supplant or replace required regulatory and/or legal communication documents.

Disclaimer
The information contained in this publication is, to the best of our knowledge, true and accurate, but any recommendations or suggestions that may be made are without guarantee, since the conditions of use are beyond our control. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.

Shell Chemicals
The expression "Shell Chemicals" refers to the companies of the Shell Group of companies that are engaged in the chemical businesses. Each of the companies that make up the Shell Group of companies is an independent entity and has its own separate identity.

© Shell Chemicals 2017