GTL Solvents GS 190, 215, 250, 270, 310, 1927 & 2735
Product Stewardship Summary
(CAS numbers: 185857-36-7, 1437281-03-2, 1174918-46-7, 1437281-01-0, 1437280-85-7, 1809170-78-2, 1802246-63-4)

What are GTL Solvents?
Gas to Liquid Solvents (GTL) are produced via distillation of GTL Gasoil, a C8 to C26 hydrocarbon containing feed. Currently seven solvents are produced - GS 190 (C10 to C13), GS 215 (C12 to C15), GS 250 (C14 to C16), GS 270 (C15 to C19), GS 310 (C18 to C24), GS 1927 (C11 to C16) and GS 2735 (C16 to C22). GTL Solvents contain mainly paraffinic components with a low naphthenic and aromatic content. The composition of individual products within this group is determined by the distillation parameters.

Where are GTL Solvents Used?
GTL solvents are widely used in cleaning, coatings, degreasing, lubricant manufacture, metalworking, binder and release agents, polymer processing and in water treatment chemicals.

Health, Safety and Environmental Considerations
These GTL solvents are not classified as a physical or an environmental hazard according to EU Classification Labelling and Packaging criteria (CLP) of chemicals. Check the local SDS for regional variations.

Care should be taken not to ingest GTL solvents, because they may be aspirated into the lung 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 solvents 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 solvents; they are in the range of 100 - 1200 mg/m³ depending on which components are present in the products.

Storing and Transporting GTL Solvents
These GTL solvents 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, commercial products or 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:


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.

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