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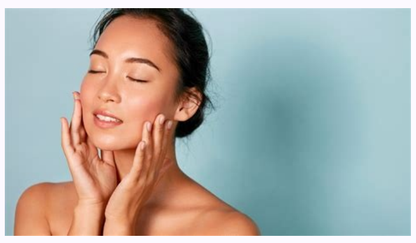
Lubrizol additives safety data sheet



The sheets also tell workers what to do in the event of a spill or accidental exposure to hazardous materials.Managers use MSDSs to determine what types of PPE workers must have available when working with a specific hazardous chemical or product. For this reason, the data sheet might not be easily read by a lay person. If you don't have a data sheet for a chemical, you can look it up online. The MSDS format is considered to be an older data sheet style. The information provided on an MSDS lets environmental control agencies know how severe the risk is from the spill, and the sheets can help those organizations determine what to do to clean up the spilled chemical safely. When a hazardous chemical is purchased, the supplier should send SDS information. A MSDS is a written document that outlines information and procedures for handling and working with chemicals. This is a 16-section format, written in English, that contains the following facts in the specified order: SECTION 1: Identification of the substance/mixture and of the company/undertaking1.1. Product identifier 1.2. Relevant identified uses of the substance or mixture and uses advised against 1.3. Details of the supplier of the safety data sheet 1.4. Emergency telephone number SECTION 2: Hazards identification2.1. Classification of the substance or mixture 2.2. Label elements 2.3. Other hazards SECTION 3: Composition/information on ingredients3.1. Substances 3.2. Mixtures SECTION 4: First aid measures4.1. Description of first aid measures 4.2. Most important symptoms and effects, both acute and delayed 4.3. Indication of any immediate medical attention and special treatment needed SECTION 5: Firefighting measures5.1. Extinguishing media 5.2. Special hazards arising from the substance or mixture 5.3. Advice for firefighters SECTION 6: Accidental release measure6.1. Personal precautions, protective equipment and emergency procedures 6.2. Environmental precautions 6.3. Methods and material for containment and cleaning up 6.4. Reference to other sections SECTION 7: Handling and storage7.1. Precautions for safe handling 7.2. Conditions for safe storage, including any incompatibilities 7.3. Specific end use(s) SECTION 8: Exposure controls/personal protection8.1. Control parameters 8.2. Exposure controls SECTION 9: Physical and chemical properties9.1. Information on basic physical and chemical properties 9.2. Other information SECTION 10: Stability and reactivity10.1. Reactivity 10.2. Chemical stability 10.3. Possibility of hazardous reactions 10.4. Conditions to avoid 10.5. Incompatible materials 10.6. Hazardous decomposition products SECTION 11: Toxicological information11.1. Information on toxicological effects SECTION 12: Ecological information12.1. Toxicity 12.2. Persistence and degradability 12.3. Bioaccumulative potential 12.4. Mobility in soil 12.5. Results of PBT and vPvB assessment 12.6. Other adverse effects SECTION 13: Disposal considerations13.1. Waste treatment methods SECTION 14: Transport information14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class(es) 14.4. Packing group 14.5. Environmental hazards 14.6. Special precautions for user 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code SECTION 15: Regulatory information15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture 15.2. Chemical safety assessment SECTION 16: Other information16.2. Date of the latest revision of the SDS In the United States, the Occupational Safety and Health Administration (OSHA) requires employers make SDSs available to all employees that handle potentially hazardous substances. This can affect the purchasing department, because supplies must be ordered and on hand before workers use the item. Material safety data sheets (MSDS) list potential hazards associated with chemicals and other products, and they tell users and safety personnel how to work safely around those items. The CAS number is a unique identifier defined by the American Chemical Society and is used internationally. The MSDS tells workers what risks are associated with the chemicals and outlines how workers can protect themselves with personal protective equipment, or PPE. "Hazard Communication Standard: Safety Data Sheets." Checking the MSDS after exposure to chemicals helps first responders make sure the proper first aid measures are applied.Environmental Cleanup AgenciesMSDSs are also used after a chemical spill for the purpose of cleaning the exposed area and reducing the environmental impact. Access to SDSs can mean access to paper copies or electronic access via the Internet.HSE strongly recommends paper copies be kept in the workplace or laboratory; however, having SDS websites bookmarked is acceptable as long as all employees in the workplace know where to find the SDS information online.Keep in mind that any accidents involving a chemical will require an SDS being provided to emergency personnel and to the attending physician so proper treatment can be administered.How to Obtain an SDSOur recommended guidelines for obtaining an SDS are as follows:Keep and use the SDS which is shipped to you with a chemical, or use the SDS which is forwarded to you or your department from HSE.Use the Internet access to find an SDS for a chemical or product.If you still can't locate an SDS, you may request one from our office or by using the "Right-to-Know Chemical Information Request Form." MSDS is an acronym for Material Safety Data Sheet. Be advised, some formulations are mixtures rather than pure chemicals. The document may also be called a safety data sheet (SDS) or product safety data sheet (PSDS). MSDS sheets contain basically the same information as SDS, but the language and organization of the information may be different.Both MSDS and SDS are data sheets that describe the properties and hazards of a chemical.SDS are written in English, follow a prescribed format, and use the European Union standard symbols for hazards. The best way to search for a chemical is by its Chemical Abstracts Service Registry Number (CAS number). A SDS follows the Globally Harmonized System of Classification and Labelling of Chemicals. The information in the Safety Data Sheets information must be accessible for employees during all shifts, including laboratory personnel. The hazard information of a mixture tends not to be the same as the hazards posed by individual components! Janelle, Donald G; Beuthe, Michel (1997). This is so users can quickly and easily find relevant facts.Current MSDS documents contain physical and chemical property information, potential hazard information, protective measures, storage and transport precautions, emergency procedures including how to handle spills or accidental exposure, disposal recommendations, and manufacturer contact information. Companies maintain MSDSs that the workers must be permitted to read, according to the Occupational Safety and Health Administration, or OSHA. While drivers aren't typically responsible for handling the hazardous materials the same way workers in a facility such as a factory are, they may still come into contact with the chemicals.First Responders and MSDSsIf someone is injured by hazardous materials on the job, the first responder who administers first aid needs to understand what he or she is dealing with in order to offer proper care. Companies that supply hazardous chemicals typically use a service that writes and updates data sheets. Similarly, generic products may vary in composition from branded products. Elsevier Science Ltd. U.S. Occupational Safety and Health Administration. The MSDS or SDS for a chemical, compound, or mixture targets workers who deal with a substance in an occupational setting or those needing to transport/store a chemical or deal with accidents. While this may be printed, it's more often available online. Further, SDSs must be available to local fire departments, local emergency planning officials, and state planning officials. The United States adopted the Safety Data Sheet to replace the Material Safety Data Sheet in 2012. "Globalization and research issues in transportation." Journal of Transport Geography. Hazardous materials must have accompanying MSDS sheets for workers, management, transporters and safety personnel to use to stay safe.Protecting Workers' HealthOne important purpose of an MSDS is to protect the health of workers who have to use chemicals and potentially hazardous items on the job. MORE FROM QUESTIONSANSWERED.NET Safety Data Sheets (SDSs) are required as part of the Institutions Safety Program to meet compliance with the both federal and state regulatory standards. The SDS is not appreciably different from the MSDS, but the information is presented in consistent manner and is internationally standardized. Some products with identical names and sold by the same company may have different formulations, depending on the country. It impacts the way job trainers show workers how to perform tasks, and it ensures managers understand the severity of a situation in the event of a spill or a worker coming into contact with the dangerous material when not wearing the proper protective gear.The Role of MSDSs in TransportationCouriers and over-the-road drivers need to have access to MSDSs in case the chemicals spill in transit and need to be cleaned up or the vehicle is involved in an accident. MSDS is an older format that should be replaced by SDS, which is an internationally standardized Safety Data Sheet. An MSDS offers information about first aid tasks such as rinsing eyes with water or keeping water away from the affected area, depending on the material involved. For this reason, one shouldn't assume safety data sheets are necessarily interchangeable between countries or products. The University of California hosts the SDS Google search. MSDS stands for Material Safety Data Sheet. If you cannot locate the manufacturer specific SDS, you can contact HSE to assist you in obtaining the information.SDSs can be obtained by clicking on the website links below or calling 410-955-5918 (internal extension 5-5918) or e-mailing HSE department at hseinfo@jhmi.edu.Quick Links to SDS Databases & Chemical InformationSDS RequirementsJohns Hopkins staff, including Supervisors, Principal Investigators and Laboratory Managers, are responsible for ensuring their employees have access to Safety Data Sheets for all hazardous chemicals used in the workplace or laboratory.

Under the Pollution Prevention Act of 1990 (PPA), TRI collects information to track industry progress in reducing waste generation and moving towards safer ... Carbopol® Aqua SF-1 polymer is a lightly cross-linked acrylate copolymer. It is a novel, liquid, acrylic rheology modifier designed to suspend, stabilize, thicken, and enhance the appearance of surfactant-based personal cleansing products and soap-based cleansing systems. It is a cost-effective and easy-to-use product that provides exceptional clarity around neutral pH. • Materials Data Sciences and Informatics • Data Mining. Market Analysis: The Asia Pacific reflective materials market was valued at USD 1.54 billion in 2018 and is expected to grow at a CAGR of 6.1 percent between 2019 and 2025. Increased awareness of workplace safety and traffic safety management is expected to drive the market. Lubrizol Fact Sheet. Company Report. The Lubrizol 2021 Company Report highlights the company's mission to help the world Move Cleaner, Create Smarter and Live Better, all tied to bold goals that further the company's longstanding commitment to sustainability. Toggle navigation. Covestro Home. Catalog Search . Basic Search. Advance Search. Report Managment . New Report Carbothane™ is a family of aliphatic and aromatic, polycarbonate-based thermoplastic polyurethanes (TPUs) that are available in a wide range of hardnesses, colors, and radiopacifiers

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