SAFETY DATA SHEET

SECTION 1	PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Trinity Cool 615
Product Description: Metal Processing/ Removal
Intended Use: General machining

COMPANY IDENTIFICATION

Supplier: **Gates Engineered Lubricants**
18906 E. Industrial Parkway New Caney, TX 77357 USA

Transportation Emergency Phone	1-888-255-3924 **ChemTel Inc. (Contract Code: MIS4169662)**
Product Technical Information	281-528-4096 **Gates Engineered Lubricants**

SECTION 2	HAZARDS IDENTIFICATION

Label Elements

GHS Classification

Hazard Symbol

Signal Word Warning eye irritation
Hazard Statement

Precautionary Statements

Prevention: Wear protective clothing/ eye protection. Do not breathe gas/mist/vapors/spray.

Respones: If exposed or concerned seek medical advice / attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If problem persists seek medical advice / attention.

Storage: Store in accordance with local and national regulations.

Disposal: Dispose of contents/ container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

Other hazards which do not result in GHS classification: None identified.

NOTE: This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Substance(s) or Complex Substance(s) required for disclosure

Name	CAS#	Concentration*
Mineral Oil	64742-54-7	10-20%
Neutralized Carboxylic Acid	Confidential	5-10%
Other Non Classifiable mixtures	NA	NA

All concentrations are percent by weight.

As per paragraph (i) of 29 CFR 1910.1200, formulation is considered a trade secret and specific chemical identity and exact percentage (concentration) of composition may have been withheld. Specific chemical identity and exact percentage composition will be provided to health professionals, employees, or designated representatives in accordance with applicable provisions of paragraph (i).

SECTION 4 FIRST AID MEASURES

INHALATION

Avoid prolonged inhalation of vapors. Remove exposed person to fresh air. Seek medical attention if symptoms persist.

SKIN CONTACT

Wash contact areas with soap and water. If skin irritation develops or persists, seek medical attention.

EYE CONTACT

Flush thoroughly with water. If irritation occurs, seek medical assistance.

INGESTION

No emergency medical attention necessary.

SECTION 5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Appropriate Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.

Inappropriate Extinguishing Media: Straight Streams of Water

FIRE FIGHTING

Fire Fighting Instructions: Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA

SECTION 6 ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. US regulations require reporting releases of this material to the environment which exceed the applicable reportable quantity or oil spills which could reach any waterway including intermittent dry creeks.

PROTECTIVE MEASURES

Avoid contact with spilled material. See Section 5 for fire fighting information. See the Hazard Identification Section for Significant Hazards. See Section 4 for First Aid Advice. See Section 8 for advice on the minimum requirements for personal protective equipment. Additional protective measures may be necessary, depending on the specific circumstances and/or the expert judgment of the emergency responders.

SPILL MANAGEMENT

Land Spill: Stop leak if you can do it without risk. Recover by pumping or with suitable absorbent.

Water Spill: Stop leak if you can do it without risk. Confine the spill immediately with booms. Warn other shipping. Remove from the surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants.

Water spill and land spill recommendations are based on the most likely spill scenario for this material; however, geographic conditions, wind, temperature, (and in the case of a water spill) wave and current direction and speed may greatly influence the appropriate action to be taken. For this reason, local experts should be consulted. Note: Local regulations may prescribe or limit action to be taken.

ENVIRONMENTAL PRECAUTIONS

Large Spills: Dike far ahead of liquid spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.

SECTION 7 HANDLING AND STORAGE

HANDLING

Avoid contact with eyes, skin, and clothing. Avoid breathing vapor or fumes. Wash thoroughly after handling. Wash with soap and water before eating, drinking, smoking, or toilet facilities. Read and observe all precautions on product label.

STORAGE

Must be stored in a sealable container. Store in a cool well ventilated area. Do not use pressure to empty containers. Empty containers may still hold residue, please dispose per local regulations.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits/standards for materials that can be formed when handling this product:

Components	CAS-No.	Value type (Form of exposure)	Controls parameters / Permissible concentration	Basis
Mineral Oil-Inhalable fraction	64742-54-7	TWA	5mg/m3	US. ACGIH Threshold Limit Values
		REL	5mg/m3	US. NIOSH Pocket Guide to Chemical Hazards (2010)

NOTE: Limits/standards shown for guidance only. Follow applicable regulations.

No biological limits allocated.

ENGINEERING CONTROLS

The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Where material is heated, sprayed or mist formed, there is greater potential for airborne concentrations to be generated.
Control measures to consider:
No special requirements under ordinary conditions of use and with adequate ventilation.

PERSONAL PROTECTION

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

Respiratory Protection: None required under normal operating conditions.

Hand Protection: Any specific glove information provided is based on published literature and glove manufacturer data. Glove suitability and breakthrough time will differ depending on the specific use conditions. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves.

Eye Protection: If contact is likely, safety glasses with side shields are recommended.

Skin and Body Protection: Any specific clothing information provided is based on published literature or manufacturer data.

Specific Hygiene Measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

ENVIRONMENTAL CONTROLS

Comply with applicable environmental regulations limiting discharge to air, water and soil. Protect the environment by applying appropriate control measures to prevent or limit emissions.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the Supplier for additional information.

GENERAL INFORMATION

Physical State: Liquid
Color: Light yellow to colorless
Odor: Mild Petroleum

IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

Vapor Desity (air =1): <1 mm Hg estimated
Flammability (Solid, Gas): N/A
Flash Point [Method]: N/A
Flammable Limits (Approximate volume % in air): LEL: 0.9 UEL: 7.0
Autoignition Temperature: N/A
Boiling Point / Range: N/A
Melting point/ freezing point: <30F
Decomposition Temperature: N/D
pH @5%: 8.8/9.5
Solubility in Water: 100%
Bulk Density: 7.7 lb/ gal
Oxidizing Properties: See Hazards Identification Section.

SECTION 10 STABILITY AND REACTIVITY

REACTIVITY: Not chemically reactive.

STABILITY: Material is stable under normal conditions.

CONDITIONS TO AVOID: Excessive heat. High energy sources of ignition.

MATERIALS TO AVOID: Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Material does not decompose at ambient temperatures.

POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous reactions will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

Acute Toxicity	Hazard	Additional Information
Inhilation	Unlikely- Low Toxicity	LC 50: >5 mg/l
Oral	Unlikely- Low Toxicity	LD 50: >6400 mg/kg
Dermal	Unlikely- Low Toxicity	LD 50: >5000 mg/kg

Skin Corrosion/ Irritant: Prolonged/repeated contact may cause irritation.

Serious Eye Damage/ Irritation: No studies available on the mixture. Components known to have eye irritating effect.

Aspiration Hazard: Mineral oil: Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis.

Skin Sensitization: No studies available on the mixture. All components either are not classified for skin sensitization or are below classification amounts.

Respiratory Sensitization: No studies available on the mixture. All components either are not classified for respiratory sensitization or are below classification amounts.

Specific Target Organ Toxicity (Single Exposure): No studies available on the mixture. All components either are not classified for or are below classification amounts.

Specific Target Organ Toxicity (Single Exposure): No studies available on the mixture. All components either are not classified for skin sensitization or are below classification amounts.

Carcinogenicity: No studies available on the mixture. All components either are not classified for carcinogenicity or are below classification amounts.

Germ Cell Mutagenicity: No studies available on the mixture. All components either are not classified for germ cell mutagenicity or are below classification amounts.

Reproductive Toxicity: No studies available on the mixture. All components either are not classified for reproductive toxicity or are below classification amounts.

OTHER INFORMATION

Contains:
Base oil severely refined: Not carcinogenic in animal studies. Representative material passes IP-346, Modified Ames test, and/or other screening tests. Dermal and inhalation studies showed minimal effects; lung non-specific infiltration of immune cells, oil deposition and minimal granuloma formation.

SECTION 12 ECOLOGICAL INFORMATION

The information given is based on data available for the material, the components of the material, and similar materials.

GHS Classification: None

ECOTOXICITY

Mixture is determined to be practically non-toxic to aquatic organisms on an acute basis.

MOBILITY

Mixture is believed to be highly mobile in soil.

PERSISTENCE AND DEGRADABILITY

Biodegradation:

Mixture is considered to be readily biodegradable based on components.

BIOACCUMULATION POTENTIAL

NA

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

DISPOSAL RECOMMENDATIONS

Protect the environment. Dispose of used oil at designated sites. Minimize skin contact. Do not mix used oils with solvents, brake fluids or coolants.

REGULATORY DISPOSAL INFORMATION

RCRA Information: The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed as hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrositivity or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

Empty Container Warning Empty Container Warning (where applicable): Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

SECTION 14 TRANSPORT INFORMATION

LAND (DOT): Not Regulated for Land Transport

LAND (TDG): Not Regulated for Land Transport

SEA (IMDG): Not Regulated for Sea Transport according to IMDG-Code

AIR (IATA): Not Regulated for Air Transport

SECTION 15 REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION STANDARD: This material is not considered hazardous in accordance with OSHA HazCom 2012, 29 CFR 1910.1200.

Listed or exempt from listing/notification on the following chemical inventories: AICS, DSL, IECSC, PICCS, TSCA

EPCRA SECTION 302: This material contains no extremely hazardous substances.

SARA (311/312) REPORTABLE HAZARD CATEGORIES: None.

SARA (313) TOXIC RELEASE INVENTORY: This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.

California Prop 65:WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

SECTION 16 OTHER INFORMATION

Issue Date: 12/22/2022
Revision: 1
Disclamer: THIS INFORMATION RELATES TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID. FOR SUCH MATERIAL USED IN CONDITION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. SUCH INFORMATION IS TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ACCURATE AND RELIABLE AS OF THE DATE COMPLETED. HOWEVER, NO REPRESENTATION, WARRANTY, OR GUARANTEE IS MADE AS TO ITS ACCURACY, RELIABILITY, OR COMPLETENESS, AND WE DO NOT ACCEPT LIABILITY FOR ANY LOSS OR DAMAGE THAT MAY OCCUR FROM THE USE OF THIS INFORMATION. FINAL DETERMINATION OF SUITABILITY OF ANY MATERIAL IS THE SOLE RESPONSIBILITY OF THE USER. ALL MATERIAL HAZARDS SHOULD BE USED WITH CAUTION TO GUARD AGAINST UNKNOWN HAZARDS. ALTHOUGH CERTAIN HAZARDS ARE DESCRIBED HEREIN, WE CANNOT GUARANTEE THAT THESE ARE THE ONLY HAZARDS, WHICH EXIST.

THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS:
Updates made in accordance with implementation of GHS requirements.