SAFETY DATA SHEET T 149

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Grease Buster Concentrate - Natural Citrus Terpene Solvent
PRODUCT/CHEMICAL NAME: T 149
MANUFACTURER: Team Laboratory Chemical Corp. PO Box 1467
Detroit Lakes, MN 56502 1-218-846-9490
FORMULA : Proprietary Blend
CHEMICAL EMERGENCY: Infotrac 1-800-535-5053 or 1-800-522-8326
REVISION DATE: June 1, 2015

SECTION 2: HAZARDS IDENTIFICATION

Primary Entry Routes: Skin contact, eye contact, absorption, inhalation

SYMPTOMS AND EFFECTS OF EXPOSURE:
EYES: contact can cause moderate to high irritation.
SKIN: prolonged or repeated exposure can cause drying, defatting and dermatitis of skin.
INGESTION: may cause vomiting, headaches or other medical problems.
INHALATION: may cause nose, throat and respiratory irritation.
CARCINOGENICITY: IARC, NTP, and OSHA do not list T 149 or any chemical ingredients as a carcinogen.

SECTION 3: INFORMATION ON HAZARDOUS INGREDIENTS

	CAS NUMBER	% BY VOLUME	EXPOSURE CRITERIA
Stoddard Solvents	8052-41-3	40 – 50%	40 ppm
Terpene Hydrocarbons	5989-27-5	40 - 50%	>5g/kg (rabbit)

HMIS:
4=Extreme Health= 1

DOT = Terpene Hydrocarbons, N.O.S.
3, UN2319, PGIII
DOT Label/Placard (exemption § 173.150(f) applies:

3=High Reactivity= 0
2=Moderate Flammability= 2
1=Slight Special=None
0=Insignificant

EPA Hazard Waste Class: Not regulated

SECTION 4: FIRST-AID MEASURES

EYE: wash with fresh water for at least 15 minutes. Seek medical attention
SKIN: wash affected area with plenty of fresh water. Seek medical attention if irritation persists.
INGESTION: Do not induce vomiting. Rinse mouth with water then give a glass of water. Contact a physician at once.
INHALATION: remove to fresh air and seek medical attention if symptoms persist.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT (& METHOD USED) FLAMMABLE LIMITS IN AIR % BY VOLUME AUTO IGNITION
Lower 115 degrees F Upper 119 Degrees F
EXTINGUISHING MEDIA: CO2 foam and dry chemical
SPECIAL FIRE FIGHTING PROCEDURES: SCBA recommended. Smother to extinguish fire. Do not use water. Handle as an oil fire. Class B fire procedures.
UNUSUAL FIRE AND EXPLOSION HAZARD: Combustible liquid. Keep away from heat and open flame.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps To Take If Material Is Released Or Spilled:
Use a chemical spill absorbent. Sweep up and dispose of according to local provisions. Do not wash away with water.

SECTION 7: HANDLING AND STORAGE

Precautions To Be Taken In Handling And Storage: Store away from all heat sources. Keep away from strong oxidizing agents. **DO NOT STORE IN PLASTIC CONTIANERS.**

OTHER PRECAUTIONS: Keep storage containers tightly sealed when not in use.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Found in Section 2). Local exhaust ventilation is preferred because it prevents Contaminant dispersion into the work area by controlling it at its source.

Administrative Controls:

Respiratory Protection: Seek professional advice prior to respirator selection and use.

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

Eye Protection: Use safety glasses or full eye goggles.

Skin Protection: GLOVES: neoprene, PVC or butyl.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 310 deg. F Melting Point:
FREEZING POINT: Vapor Pressure @ 20 deg.C = 2mmHg
SPECIFIC GRAVITY: (Water=1): 0.841 Solubility in Water: negligible
VAPOR DENSITY (AIR=1): <1 Evaporation Rate (BuAc=1): < 1
% VOLATILES BY VOLUME: 95+% pH of 1% solution: N/A
APPEARANCE & ODOR**:** clear to slightly hazy with a citrus/orange odor.

SECTION 10: STABILITY AND REACTIVITY

STABILITY (Normal Conditions): Stable
CONDITIONS TO AVOID: Excessive heat
INCOMPATIBILITY (Materials to Avoid): Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS: Fumes may be acrid and fume irritating. Burning generates CO, CO2 and smoke. Product is not an oxygen donor.
HAZARDOUS POLYMERIZATION: none described

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure Routes:	Eye Contact , Skin Contact, absorption, inhalation
Toxicity:	May cause eye irritation with tearing and redness
	May cause skin irritation with redness and itching.
Carcinogenicity:	Not classified as a human carcinogen.

Dermal absorption is very low, unless it is administered on broken or damaged skin.

The acute toxicity of hydrocarbons category members is low via the oral (rats and mice) and dermal (rabbits) routes of exposure. CAS 5989-27-5 is an eye irritant (rabbits), skin irritant (rabbits and humans) and skin sensitizer (guinea-pigs and humans). Terpenes are natural products derived from plants that have medicinal properties and biological activity. Terpenes may be found in cleaning products, rubefacients, aromatherapy, and various topical preparations

Stoddard solvent is commonly referred to as a cleaning safety solvent, naphtha safety solvent, petroleum solvent . Stoddard solvent can enter your body if you breathe air containing it. Exposure to an average concentration of 240 mg/m^3 (40 ppm) for more than 13 years could lead to chronic central nervous system effects. When Stoddard solvent is in the air, it can cause eye, skin, or throat irritation. Stoddard solvent has not been classified by the Department of Health and Human Services (DHHS), EPA, or the International Agency for Research on Cancer (IARC) (or by any other national or international agencies) for carcinogenic effects in any exposure situation.

SECTION 12: ECOLOGICAL INFORMATION

Not established, however, precautions should be taken to avoid any release of product into the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging Waste: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations

SECTION 14: TRANSPORT INFORMATION

D.O.T. TRANSPORTATION DATA: (49 CFR 172.101)

Non Hazardous per DOT regulations

For domestic transportations

SECTION 15: REGULATORY INFORMATION

EPA Regulations:

TSCA Inventory: Ingredients listed

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)

RCRA Hazardous Waste Classification (40 CFR 261.??): Not classified

CERCLA Hazardous Substance (40 CFR 302.4) unlisted specific per RCRA, Sec. 3001; CWA, Sec. 311 (b)(4); CWA, Sec.

307(a), CAA, Sec. 112

CERCLA Reportable Quantity (RQ), 0 lb (0 kg)

SARA 311/312 Codes: Fire hazard, Acute (immediate) health hazard, and Chronic (delayed) health hazard

SARA 313: Ingredients listed`

SARA Toxic Chemical (40 CFR 372.65): Not listed

SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed, Threshold Planning Quantity (TPQ)

OSHA Regulations:

Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed

OSHA Specifically Regulated Substance (29CFR 1910.????)

State Regulations:

California Prop 65: Not listed

SECTION 16: OTHER INFORMATION

Revision Notes: 06/01/2015

Disclaimer: The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufactures of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstance of use. Vendor assumes no responsibility for injury to vendee or third persons appropriately used by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.

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