Safety Data Sheet

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Super Strength Floating Lift Station Cleaner
PRODUCT/CHEMICAL NAME: T 152
MANUFACTURED FOR: Team Laboratory PO Box 1467
Detroit Lakes, MN 56502 800-522-8326
FORMULA: Proprietary Blend

CHEMICAL EMERGENCY Infotrac 1-800-535-5053

SECTION 2: HAZARD IDENTIFICATION

HMIS	
H	2
F	2
R	0
PPE *Sec 8	

Primary Entry Routes: Skin contact, eye contact, absorption, inhalation
Target Organs: Lungs, nervous system, brain, mucous membranes, skin, eyes and possibly, the liver or kidneys.
Acute Effects:
Inhalation: Breathing *high* concentrations of vapor may cause respiratory irritation, euphoria, excitation, headache, nausea, vomiting, abdominal pain, loss of appetite, fatigue, muscular weakness, staggering gait, and central nervous system depression.
Eye: Certain ingredients can form a peroxide and cause irritation.
Skin: Can cause irritation such as redness, burning, swelling, drying, scaling, blistering, cracking and severe tissue damage in extreme cases.
Ingestion: If swallowed, this product may irritate the mucous membranes of the mouth, throat, and esophagus. This product could be readily absorbed by the digestive tract and can cause severe damage.
Carcinogenicity: IARC, NTP, and OSHA do not list T 152 or any chemical ingredients as a carcinogen.
Medical Conditions aggravated by Long Term Exposure: Personnel with pre-existing Central Nervous system diseases, neurological conditions, skin disorders, chronic respiratory diseases, or impaired liver or kidney function should avoid exposure.
Chronic Effects: Prolonged and repeated exposure can result in central nervous system damage.
Intentional misuse of this product by deliberately concentrating and inhaling this product can be fatal.

SECTION 3: INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient name	CAS Number	% wt or % vol	Exposure Limits
Stoddard Solvents	8052-41-3	45 – 55 %	40 ppm
Terpene Hydrocarbons	5989-27-5	45 – 55 %	>5g/kg (rabbit)

Trace Impurities

	OSHA PEL		**ACGIH TLV**		**NIOSH REL**		**NIOSH**
Ingredient	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
Stoddard Solvents	100 ppm	N/E	100 ppm	N/E	N/E	N/E	N/E
Terpene Hydrocarbons	N/E	N/E	N/E	N/E	N/E	N/E	N/E

SECTION 4: FIRST-AID MEASURES

Inhalation: Remove to fresh air, administer oxygen, if breathing is difficult or labored. Get immediate medical attention.
Eye Contact: Flush with water for 5 minutes and seek immediate medical attention.
Skin Contact: Flush with soap and water for 15 minutes and remove any contaminated clothing, wash before reuse. Seek medical attention if symptoms occur.
Ingestion: Seek medical advice. DO NOT INDUCE VOMITING.

After first aid, get appropriate in-plant, paramedic, or community medical support.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media: Dry chemicals or foam
Unusual Fire or Explosion Hazards: no known
Hazardous Combustion Products: carbons
Flash Point: approximately 135 degrees F
Autoignition Temperature: >455 degrees F
LEL: 1.0% v/v
UEL: 6.0% v/v
Flammability Classification: Class II Combustible

SECTION 6: ACCIDENTAL RELEASE MEASURES

Small Spills: Dike using absorbent, dispose of according to regulations
Large Spills: Containment: For large spills, dike far ahead of liquid spill for later disposal.
Cleanup: As required by regulations – bio-degradeable
Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

SECTION 7: HANDLING AND STORAGE

Disposal Method: Dispose of in accordance with local pollution regulations.

Handling Precautions: Use proper protective equipment. .
Storage Requirements: Do NOT store near heat or open flame. Keep tightly closed..
Regulatory Requirements: Follow all applicable state, federal and local regulations.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls:
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 OSHA respirator regulations (29 CFR 1910.133) and, if necessary, sear a MSHA/NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. For emerge or non routine operations (cleaning spills, reactor vessels, or storage tanks), wear an SCBA .
Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.
Protective Clothing/Equipment: Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye and face protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
APPEARANCE and ODOR: Clear liquid, with a citrus fragrance
BOILING RANGE: N/E
VISCOSITY: N/E
SPECIFIC GRAVITY (water = 1 at 4 degrees C): 76
REFRACTIVE INDEX: N/E
VAPOR PRESSURE N/A
VAPOR DENSITY (air = 1): NA
SOLUBILITY IN WATER: N/E
SURFACE TENSION: N/E
PERCENT VOLATILE : N/E
FREEZING/MELTING POINT: N/E
DENSITY: 6.4 pounds per gallon
% VOLATILE: N/E

SECTION 10: STABILITY AND REACTIVITY

STABILITY: T152 is stable at room temperature in closed containers under normal storage and handling conditions.
CONDITIONS TO AVOID: Heat, flame
CHEMICAL INCOMPATIBILITY (materials to avoid): Oxidizing Agents
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal oxidative decomposition of T152 name can produce no known substances.
POLYMERIZATION: Hazardous polymerization cannot occur.

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.

The principal method of absorption is through oral ingestion. 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. 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

Prepared by: Safety Department
Date Prepared: 12/01/09
Date Revised: 06/30/2015

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 manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and sited to the circumstance of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused 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. Any questions regarding this product should be directed to the manufacture of the product as described in Section1.

Team Laboratory Chemical Corp
28774 State Highway 34 Detroit Lakes, MN 56501 1-218-846-9490

End of Safety Data Sheet