

# MATERIAL DATA SAFETY SHEET

Liquid Torque 101

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: Liquid Torque 101

MANUFACTURER: Superior Industries  
STREET ADDRESS: 6180 Airways Blvd.  
CITY, STATE, ZIP: Chattanooga, TN 37421

INFORMATION PHONE: 423-899-0467  
FAX PHONE: 423-899-0421  
WEBSITE: www.superior-industries.com

PREPARED BY: Compliance Department  
DATE REVISED: 11/06/12

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## SECTION 2: HAZARDOUS INGREDIENTS/ IDENTITY INFORMATION

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Name:	Cas No.	OSHA PEL	ACGIH TLV	OTHER LIM	%
1,1-DIFLUOROETHANE	75-37-6	N/A	N/A	1000 PPM	—
METHYL ISOBUTYL KETONE	108-10-1	100 PPM	20 PPM	N/A	—

**Comment:**

THIS PRODUCT CONTAINS THE TOXIC CHEMICALS MARKED WITH AN \* SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT OF 1986 AND OF 40CFR372.

**HMIS CODES:**

REACTIVITY: 1    FLAMMABILITY: 4    HEALTH: 1    PERSONAL PROTECTIVE EQUIPMENT: A

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## SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

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Boiling Point:	< -20	Specific Gravity (water-1):	0.91
Vapor Pressure (mm Hg):	N/A	Melting Point:	N/A
Vapor Density (AIR-1):	>2	Evaporation Rate:	>1.6
Solubility in Water:	<1%	(Butyl Acetate-1)	
Appearance and Odor:	CLEAR WATER WHITE SPRAY SOLVENT ODOR		

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## SECTION 4: FIRE AND EXPLOSION HAZARD DATA

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Flash Point (Method Used): >60    TCC Flammable Limits: LEL: N/A    UEL: N/A  
Extinguishing Media: STANDARD DRY CHEMICAL FIRE EXTINGUISHER  
Special Fire Fighting Procedures: SELF CONTAINED BREATHING APPARATUS.

Unusual Fire and Explosion Hazards: FLAMMABLE CONTENTS UNDER PRESSURE DO NOT EXPOSE TO TEMPERATURES ABOVE 120F AS BURSTSING COULD OCCUR. MAY DEVELOP FLAMMABLE ATMOSPHERE IN CONFINED AREAS.

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## SECTION 5: REACTIVITY DATA

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Stability: Unstable:                    Conditions to avoid: TEMPERATURES ABOVE 120F  
                  Stable: X

Incompatibility Materials to Avoid: NONE KNOWN  
Hazardous Decomposition or Byproducts: OXIDES OF CARBON  
Hazardous Polymerization:    May Occur:                    Will Not Occur: X  
Conditions to Avoid: NONE KNOWN

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## SECTION 6: HEALTH HAZARD DATA

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Routes of Entry:                    Inhalation: YES                    Skin: YES                    Ingestion: YES  
Health Hazards (Acute and Chronic):  
INHALATION: DIZZINESS.                    INGESTION: NAUSEA.                    SKIN: MILD IRRITATION. MAY CAUSE LOCALIZED  
DEFATTING OF TISSUE.                    EYES: IRRITATION, REDDENING.

Carcinogenicity:  
NTP: NO                    IARC Monographs: NO                    OSHA Reg: NO  
Signs and Symptoms of Exposure: SEE HEALTH HAZARDS

Medical Conditions Generally Aggravated by Exposure: NONE

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**Emergency and First Aid Procedures:** INHALATION: REMOVE TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION IF INDICATED. INGESTION: DO NOT INDUCE VOMITING. CONTACT PHYSICIAN IMMEDIATELY. SKIN: WASH WITH SOAP AND WATER. EYES: FLUSH WITH WATER AND CONTACT PHYSICIAN.

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## SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

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**Steps to be Taken in Case Material is Released or Spilled:** WIPE UP WITH RAG OR USE SOME ABSORBENT CLAY MATERIAL.

**Waste Disposal Method:** DISPOSE OF RESIDUE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL GUIDELINES.

**Precautions to be Taken in Handling and Storing:** DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME. EXPOSURE TO TEMPERATURES ABOVE 120F MAY CAUSE BURSTING.

**Other Precautions:** VAPOR MAY COLLECT IN LOW LYING AREAS.

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## SECTION 8: CONTROL MEASURES

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**Respiratory Protection:** USE ONLY IN WELL VENTILATED AREAS.

**Ventilation:**

**Local Exhaust:** SUFFICIENT

**Mechanical:** N/A

**Special:** N/A

**Other:** N/A

**Protective Gloves:** N/A

**Eye Protection:** SAFETY GLASSES ARE RECOMMENDED WHENEVER CHEMICALS ARE USED.

**Other Protective Clothing or Equipment:** N/A

**Work/Hygienic Practices:** WASH HANDS AFTER USE.