

MATERIAL SAFETY DATA SHEET

TC-11 CORROSION INHIBITOR

I. PRODUCT IDENTIFICATION

Manufacturer: I.C.C. Industries, LLC

Address: 1875 Angus Avenue
Simi Valley CA 93063

Chemical Name: Organic Mixture
Trade Name: TC-11™ Corrosion Inhibitor
Item: TC-11™ Corrosion Inhibitor

Telephone: Emergency Only: 808-261-3383 or 808-216-4822
Information: 808-261-3383

I. COMPONENTS AND HAZARD INFORMATION

Chemical Name	CAS Number	%	Exposure Limit ACGIH/OSHA
Aliphatic Petroleum Distillates	8052-41-3	40-49	100 ppm PEL
Petroleum Base Oil	64742-65-0	30-45	5 mg/M3 TWA (mist)
Non-hazardous Ingredients		<10	

III. PHYSICAL DATA

Boiling Point:	300°F (minimum)
Vapor Density (air = 1):	Greater than 1
Solubility in Water:	Insoluble
Specific Gravity (H ₂ O = 1):	0.832 70°F
Percent Volatile (volume):	< 50%
Viscosity	136 centipoise 70°F
Evaporation Rate:	Not determined
Vapor Pressure:	1 mm Hg
Appearance:	Light green or light blue
Odor:	Characteristic aliphatic odor

IV. FIRE AND EXPLOSION

Flash Point:	Tag Open Cup 110°F (minimum)
Flammable Limits:	(Solvent Portion) [LeL] 1.0% [UeL] 6.0%
Extinguishing Media:	CO ₂ , Dry Chemical, Foam
Special Fire Fighting Procedures:	None
Unusual Fire and Explosion Hazards:	None

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V. HEALTH HAZARD / ROUTE(S) OF ENTRY

Threshold Limit Value	Aliphatic Petroleum Distillates (Stoddard Solvent) lowest TLV (ACGIH 100 ppm)
Symptoms of Overexposure	
Inhalation (Breathing):	May cause anesthesia, headache, dizziness, nausea and upper respiratory irritation.
Skin Contact:	May cause drying of skin and/or irritation.
Eye Contact:	May cause irritation, tearing and redness.
Ingestion (Swallowed):	May cause irritation, nausea, vomiting and diarrhea.
First Aid Emergency Procedures	
Ingestion (Swallowed):	Do not induce vomiting. Seek medical attention.
Eye Contact-	Immediately flush eyes with large amounts of water for 15 minutes.
Skin Contact:	Wash with soap and water.
Inhalation (Breathing):	Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen. Pre-existing medical conditions such as eye, skin and respiratory disorders may be aggravated by exposure.
DANGER!	
Aspiration Hazard:	If swallowed, can enter lungs and may cause chemical pneumonitis. Do not induce vomiting. Call Physician immediately.
Suspected Cancer Agent	Yes _____ No <input checked="" type="checkbox"/> _____
The components in this mixture have	been found to be non-carcinogenic by NTP, IARC, and OSHA.

VI. REACTIVITY DATA

Stability:	Stable <input checked="" type="checkbox"/> _____	Unstable
Conditions to avoid:	NA	
Incompatibility:	Strong oxidizing materials	
Hazardous decomposition products:	Thermal decomposition may yield carbon monoxide and/or carbon dioxide.	
Hazardous polymerization:	May occur _____	Will not
occur <input checked="" type="checkbox"/> _____		

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VII. SPILL OR LEAK PROCEDURES

Spill Response Procedures

Absorb small quantities with sand, earth, or sawdust. Pump large quantities into tank.

Waste Disposal Method

Incinerate liquid. Bury saturated absorbent in landfill. Dispose of in accordance with Local, State, and Federal regulations.

VIII. SPECIAL HANDLING INFORMATION

Ventilation:	Sufficient to keep solvent vapor less than TLV.
Respiratory Protection:	Advised when concentrations exceed TLV.
Protective Gloves:	Advised to prevent possible skin irritation.
Eye Protection:	Approved eye protection to safeguard against potential eye contact, irritation or injury.
Other Protective Equipment:	None required.

IX. SPECIAL PRECAUTIONS

Keep from open flame. Do not take internally. Avoid excessive inhalation of spray particles. Keep away from children.

X. TRANSPORTATION DATA (49CFR172.101)

Domestic Surface

Description:	TC-11 Bulk Lubricant
Hazard Class:	Non-Regulated per 49 CFR 173.150 (f.)(2)
ID No.:	None
Label Required:	None (Under 119 Gallons)

Domestic Air

Description:	Petroleum Distillates N.O.S. (TC-11)
Class or Division:	3
UN or ID No. :	UN 1268
Packing Group:	III
Quantity and Type of Packing:	One Plastic Drum x 20 Liters or One Plastic Drum x 4 Liters
Packing Instructions:	309
Label Required:	Flammable Liquid

XI. REGULATORY INFORMATION

All ingredients for this product are listed on the TSCA inventory.

SARA Title III chemicals:	None
California Prop 65 chemicals:	None
CERCLA reportable quantity:	None
RCRA hazardous waste no.:	D001 (ignitable)

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XII. HMIS DESIGNATION

Health	2
Flammability	2
Reactivity	0
Personal Protection	J

SIGNATURE: Bruce C. Huddleston **TITLE:** Chief Technical Officer

REVISION DATE: August, 2006 **SUPERSEDES:** March, 2005

NA = Not applicable NDA = No data available > = More than < = Less than

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