

418

Orig 8/19/2002
Rev: 8/20/2003

MATERIAL SAFETY DATA SHEET

Tal-Cool™ ES CORROSION INHIBITOR -- ADDITIVE

Section 1: Supplier Information



P.O. Box 1040 Lake Arthur, LA 70549

1-800-256-3835

www.talensmarine.com

Emergency Telephone: 1-800-424-9300

Section 2. Hazardous Ingredients

Hazardous Component(s)	CAS #	PEL TWA	PEL Ceiling	TLV TWA	TLV STEL	MFG Limits	WGT: %
Corrosion inhibitor(s)	Proprietary	N/E	N/E	N/E	N/E	N/E	< 35

N/A = Not Applicable; N/E = Not Established; * = Mists; # = Skin; * = Respirable Dust; * = Total Dust; * = Vapor; ** = Fumes; C = Ceiling Limit

All components of this product are listed on the Toxic Substances Control Act (TSCA) Inventory and the Canadian Domestic Substances List (DSL), or are exempt from the listing.

Section 3. Hazards Identification

Primary Routes of Entry		Hazardous Materials Information System (HMIS) Rating:		
Inhalation:	NO	Health:	1	0 = Minimal
Skin:	YES	Fire:	1	1 = Slight
Ingestion:	YES	Reactivity:	0	2 = Moderate
				3 = Serious
				4 = Severe
				* = Chronic Hazard

Signs of Symptoms of Exposure:

INHALATION: No effects of exposure expected. At very high concentrations only, this product may cause headache, nose and throat irritation, nausea and/or mental confusion.

SKIN: Prolonged or repeated contact can cause irritation.

EYES: Liquid and vapor contact produces irritation

INGESTION: Components of this product may cause significant injury if swallowed.

Overexposure may be harmful or fatal if swallowed. Do not induce vomiting. Call medical personnel immediately.

DELAYED EFFECTS: Repeated ingestion may cause adverse kidney effects.

Chemical Listed as Potential Carcinogens:

NTP: NO

IARC: NO

OSHA: NO

Target Organs: Kidneys

Section 4. Emergency And First Aid Procedures:

INGESTION: If adverse effects such as dizziness, nausea, or irritation are noted, move person

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to fresh air. If not breathing, give artificial respiration. Get medical attention!

SKIN: Immediately wash skin with large amounts of soap and water. Remove contaminated clothing and shoes; wash before reuse. Get medical attention if irritation persists after washing.

EYES: Flush eyes immediately with water for at least 15 minutes. If irritation persists, call a physician.

INGESTION: DO NOT INDUCE VOMITING! Contact a physician immediately!

Section 5. Fire Fighting Measures

Flash Point: > 220 °F Method Used: Tagliabue Closed Cup

Flammable Limits in Air % by Volume: LEL: 3.2 UEL: N/E

Extinguisher Media: Water spray, dry chemical, carbon dioxide or alcohol resistant foam.

Special Fire Fighting Procedures: Firefighters should wear a self-contained breathing apparatus with a full facepiece operated in pressure demand or other positive pressure mode, and protective clothing.

Unusual Fire And Explosion Hazards: Do not release runoff from fire control methods to sewers or waterways. Keep fire exposed containers cool and reduce vapors with water spray.

Section 6. Accidental Release Measures

If material is spilled, absorb with sand, earth, or similar inert material. Place in closed, labeled containers for proper disposal.

CERLA (Superfund) Reportable Quantity (in lbs): N/A

Section 7. Handling and Storage

Handling: Avoid contact with skin and eyes; wash thoroughly after handling. Avoid breathing vapor; use with adequate ventilation.

Storage: Store in a dry location at room temperature. Keep container closed and maintain all original markings and labels.

Other: Do not reuse container without recycling or reconditioning. Handle empty containers as if they were full.

Section 8. Exposure Controls and Personal Protection

Respiratory Protection: Not required under normal conditions of use.

Local Exhaust: None normally required. Local exhaust may be needed under special circumstances such as poorly ventilated areas, evaporation from large surfaces, spraying, heating, etc.

Mechanical Exhaust: Mechanical ventilation should be sufficient to maintain exposure levels below exposure limits.

Protective Gloves: Wear chemical resistant gloves.

Eye Protection: At a minimum, wear safety glasses with side shields

Other Protection: Eye wash and safety shower should be readily available.

Hygienic Practices: Avoid contact with skin and avoid breathing vapors or mist. Do not eat, drink, or smoke while using this product. Wash up prior to eating, drinking, or using the restroom.

Section 9. Physical and Chemical Properties:

Boiling Point:

Degree of water solubility:

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	> 350 °F	Degree of Water Solubility: Negligible = Less than 0.1% Slight = 0.1% - 1% Moderate = 1% - 10% Appreciable = More than 10% Complete = 100%
Specific Gravity (H ₂ O=1):	1.00-1.10	
Vapor Pressure (mm Hg):	N/E	
Vapor Density (air=1)	N/E	
Solubility in Water:	Complete	
Reactivity in Water:	None	
Weight per Gallon (lb/gal):	8.7 - 8.9 lbs/gal	
% Volatile by Volume:	10-20	
% Solid by Weight:	80-90	
Appearance and Odor:	Clear to hazy, pale yellow liquid with a goaty odor.	
Theoretical VOC: (>0.1 mm Hg @ 20° C)	N/E	
Analytical VOC: (EPA method 24)	0.1 - 0.3 lbs/gal	
pH:	8.7 - 9.3	

Section 10. Stability and Reactivity

Stability: Stable. Hazard Polymerization: Will not occur.
Conditions to Avoid: None known.
Incompatibility (Materials to Avoid): None known.
Hazardous Decomposition Products: Incomplete combustion can generate hazardous gases.

Section 11. Toxicological Information

Section 12. Ecological Information

Section 13. Disposal Considerations

Waste Disposal Methods (Federal, State, Local):
Recycle where possible. Disposal must comply with federal, state and local laws.
Individual consumers are encouraged to inquire about local Household Hazardous Waste programs.
RCRA Hazardous Waste Number: N/A

Section 14. Transport Information

Hazardous Material Description:
(Proper shipping name, hazard class, hazard ID#, packing group)
Domestic ground non-bulk: NOT REGULATED
Domestic ground bulk: NOT REGULATED
International: NOT REGULATED

Section 15. Regulatory Information

SARA 313 Information: This product contains the following chemical(s) above de minimis concentrations and may be subject to reporting under section 313
N/A

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Section 16. Other Information

This MSDS contains revisions in the following sections: Changed from EG product to non-EG pr

Prepared by: John A. DiCerbo Quality, EH&S Manager

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The development of this Material Safety Data Sheet (MSDS) relies upon information provided to us by each of our raw material suppliers. This MSDS will be updated as changes occur to their MSDS(s).

We believe the recommendations and technical information contained herein to be accurate. However, they are given without warranty or guarantee, expressed or implied, and we assume no responsibility for losses or damage, direct or indirect, as a result of their use.