

# Material Safety Data Sheet

## Section 1. Product Identification and Use

Product Name - Trade Name **151-005 ANTI-FISHEYE ADDITIVE**

Supplier - Manufacturer **Chemcraft International Inc.,**  
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Canada L1A 3Z3  
Telephone (905) 885-6388 Fax (905) 885-5097  
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### For Transport Emergency or After Hours

CANUTEC (613) 996-6666

Code 151-005  
Synonym ANTI-FISHEYE ADDITIVE  
Chemical Name Not applicable.  
Chemical Family Synthetic polymer in organic solvent. (Paint.)  
Chemical Formula Not applicable.  
Material Uses Coatings: Surface coatings and finishes.  
Product Identification Number (PIN) 1263 PAINT

## Section 2. Hazardous Ingredients

### Exposure limits

Name	CAS #	% by Weight	LC <sub>50</sub> /LD <sub>50</sub>	TLV/PEL ACGIH TLV (United States)
Ethyl Acetate	141-78-6	70 - 100	ORAL (LD50): Acute: 5620 mg/kg [Rat]. 4100 mg/kg [Mouse]. 4935 mg/kg [Rabbit].	TWA: 400 ppm 8 hour/hours. TWA: 400 ppm TWA: 100 ppm CEIL: 125 ppm <b>ACGIH (United States).</b> TWA: 525 mg/m <sup>3</sup> CEIL: 720 mg/m <sup>3</sup>
Mineral spirits	8052-41-3	1 - 5	ORAL (LD50): Acute: 5000 mg/kg [Rat]. DERMAL (LD50): Acute: 3160 mg/kg [Rabbit].	TWA: 100 ppm <b>ACGIH (United States).</b> TWA: 525 mg/m <sup>3</sup> CEIL: 720 mg/m <sup>3</sup>
Low odour mineral spirits	64742-47-8	1 - 5	ORAL (LD50): Acute: 5000 mg/kg [Rat]. DERMAL (LD50): Acute: 3000 mg/kg [Rabbit].	TWA: 100 ppm <b>ACGIH (United States).</b> TWA: 525 mg/m <sup>3</sup>
Light aromatic naphtha	64742-95-6	0.1 - 1	ORAL (LD50): Acute: 6960 mg/kg [Rat].	TWA: 25 ppm <b>ACGIH (United States).</b> TWA: 123 mg/m <sup>3</sup>

Trace impurities and additional material names not listed above may appear in other sections of this MSDS. These materials may be listed for toxicological concerns, local compliance, or other reasons.

## Section 3. Physical Data

Physical State and Appearance Liquid.  
Color Not available. Odor Not available. Taste Not available.  
Molecular Weight Not applicable.  
pH (1% soln/water) Not applicable.

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<b>Boiling Point</b>	The lowest known value is 77°C (170.6°F) (Acetic Acid, Ethyl Ester). Weighted average: 81.42°C (178.6°F)
<b>Melting Point</b>	May start to solidify at -53°C (-63.4°F) based on data for: Solvent naphtha (petroleum), light arom.. Weighted average: -82.85°C (-117.1°F)
<b>Critical Temperature</b>	Not available.
<b>Specific Gravity</b>	Weighted average: 0.91 (Water = 1)
<b>Vapor Pressure</b>	The highest known value is 9.7 kPa (73 mm Hg) (at 20°C) (Acetic Acid, Ethyl Ester). Weighted average: 9.53 kPa (71.48 mm Hg) (at 20°C)
<b>Vapor Density</b>	The highest known value is 4.8 (Air = 1) (Stoddard solvent). Weighted average: 3.08 (Air = 1)
<b>Volatility</b>	Not available.
<b>Odor Threshold</b>	The lowest known value is 1 ppm (Stoddard solvent)
<b>Water/Oil Dist. Coeff.</b>	The product is much more soluble in octanol.
<b>Ionicity (in Water)</b>	Not available.
<b>Dispersion Properties</b>	Partially dispersible in methanol, diethyl ether. Not dispersible in cold water, hot water. See solubility in methanol, diethyl ether, n-octanol.
<b>Solubility</b>	Easily soluble in n-octanol. Soluble in diethyl ether. Partially soluble in methanol. Insoluble in cold water, hot water.

#### Section 4. Fire and Explosion Hazard

<b>The Product is:</b>	Flammable.
<b>Fire Hazards in Presence of Various Substances</b>	Highly flammable in the presence of the following materials or conditions: open flames, sparks and static discharge.
<b>Fire Fighting Media and Instructions</b>	SMALL FIRE: Use dry chemical powder. LARGE FIRE: Use water spray or fog. Cool containers with water jet in order to prevent pressure build-up, auto-ignition or explosion.
<b>Special Remarks on Fire Hazards</b>	Container explosion may occur under fire conditions or when heated. Vapor may travel considerable distance to source of ignition and flash back. (Distillates (petroleum), hydrotreated light)
<b>Flash Points</b>	The lowest known value is Closed cup: -1°C (30.2°F). (Tagliabue). Open cup: -0.5°C (31.1°F). (Tagliabue). (Acetic Acid, Ethyl Ester)
<b>Flammable Limits</b>	The greatest known range is Lower: 1% Upper: 13.3% (Stoddard solvent)
<b>Auto-Ignition Temperature</b>	The lowest known value is 229°C (444.2°F) (Stoddard solvent).
<b>Products of Combustion</b>	These products are carbon oxides (CO, CO <sub>2</sub> ).
<b>Explosion Hazards in Presence of Various Substances</b>	Highly explosive in the presence of the following materials or conditions: open flames, sparks and static discharge.
<b>Special Remarks on Explosion Hazards</b>	Not available.

#### Section 5. Reactivity Data

<b>Stability</b>	The product is stable.
<b>Decomposition products</b>	Not available.
<b>Conditions of Instability</b>	Not available.
<b>Incompatibility with various substances</b>	Reactive or incompatible with the following materials: oxidizing materials, reducing materials, organic materials, acids and alkalis. Slightly reactive or incompatible with the following materials: metals.
<b>Corrosivity</b>	Not available.

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Special Remarks on Reactivity	Not available.
Special Remarks on Corrosivity	Not available.

## Section 6. Toxicological Properties

Routes of Entry	Dermal contact. Eye contact. Inhalation. Ingestion.
Toxicity to Animals	Acute oral toxicity (LD50): 4100 mg/kg [Mouse]. (Acetic Acid, Ethyl Ester). Acute dermal toxicity (LD50): 3000 mg/kg [Rabbit]. (Distillates (petroleum), hydrotreated light). Acute toxicity of the gas (LC50): 45000 mg/m <sup>3</sup> 2 hour/hours [Mouse]. (Acetic Acid, Ethyl Ester). Acute toxicity of the vapor (LC50): 16000 ppm 6 hour/hours [Rat]. (Acetic Acid, Ethyl Ester).
Effects of Acute Exposure	Slightly hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation.
Chronic Effects on Humans	<b>CARCINOGENIC EFFECTS:</b> Classified A5 (Not suspected for humans.) by ACGIH, 4 (Probably not for humans.) by IARC [Acetic Acid, Ethyl Ester]. <b>MUTAGENIC EFFECTS:</b> Not available. <b>TERATOGENIC EFFECTS:</b> Not available. <b>DEVELOPMENTAL TOXICITY:</b> Not available. The substance is toxic to blood, kidneys, lungs, the nervous system, liver. Repeated or prolonged exposure to the substance can produce target organs damage.
Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans	Inhalation of vapors may cause dizziness, an irregular heartbeat, narcosis, nausea or asphyxiation. (Benzene, methyl-)
Special Remarks on Other Toxic Effects on Humans	Material is irritating to mucous membranes and upper respiratory tract. (Distillates (petroleum), hydrotreated light)
Exposure Limits	Not available.

## Section 7. Preventive Measures

Personal Protection	Safety glasses. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Impervious gloves.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Vapor respirator. Boots. Gloves. Self-contained breathing apparatus (SCBA) should be used to avoid inhalation of the product. Suggested protective clothing might not be adequate. Consult a specialist before handling this product.
Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are close to the workstation location.
Small Spill	Absorb with an inert material and transfer the spilled material and absorbent to an appropriate waste disposal container.
Large Spill	Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with dry earth, sand or other non-combustible material. Do not allow water to enter container. Do not touch spilled material. Prevent entry into sewers, basements or confined areas. Dike if necessary. Call for assistance on disposal.
Waste Disposal	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Precautions	Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.
Storage	Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).
TDG Classification	3
PIN	1263 PAINT
	PG: II

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**Special Provisions for Transport****Federal and State Regulations**

**WARNING:** This product contains chemical/chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.: Benzene, methyl-

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New York release reporting list: Acetic Acid, Ethyl Ester

Rhode Island RTK hazardous substances: Acetic Acid, Ethyl Ester

Pennsylvania RTK: Benzene, methyl-; Acetic Acid, Ethyl Ester

Florida: Acetic Acid, Ethyl Ester

Minnesota: Acetic Acid, Ethyl Ester

Massachusetts RTK: Acetic Acid, Ethyl Ester

New Jersey: Benzene, methyl-; Acetic Acid, Ethyl Ester

TSCA 8(b) inventory: Benzene, methyl-; Acetic Acid, Ethyl Ester

TSCA 5(e) substance consent order: Acetic Acid, Ethyl Ester

TSCA 12(b) annual export notification: Acetic Acid, Ethyl Ester

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Acetic Acid, Ethyl Ester: Fire hazard, Immediate (acute) health hazard

CERCLA: Hazardous substances.: Benzene, methyl-: 1000 lbs. (453.6 kg); Acetic Acid, Ethyl Ester;

**Other Regulations**

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

**Other Classifications**

**WHMS**            **Class B-2: Flammable liquid**

**(Canada)**        **Class D-2B: Material causing other toxic effects (Toxic).**

**HCS (U.S.A.)** Highly toxic

Target organ effects

**Hazardous Material Information System (U.S.A.)**

<b>Health Hazard</b>	* 1
<b>Fire Hazard</b>	3
<b>Reactivity</b>	0
<b>Personal Protection</b>	G

**National Fire Protection Association (U.S.A.)**

<b>Health</b>	1
<b>Fire Hazard</b>	3
<b>Reactivity</b>	0
<b>Specific Hazard</b>	

**Section 8. First Aid Measures****Eye Contact**

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

**Skin Contact**

Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

**Hazardous Skin Contact** Not available.

**Inhalation**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

**Hazardous Inhalation**

Move the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

**Ingestion**

Do not induce vomiting. Examine the lips and mouth to ascertain if the tissues are damaged, a possible indication that toxic material was ingested. The absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

**Hazardous Ingestion**

Not available.

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## Section 9. Preparation Information

**References** -Manufacturers Material Safety Data Sheets.

**Other Special Considerations** Not available.

**Related Information** This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by CPR.

**Preparation Information** Validated by S.Bice on 8/11/2006.

Verified by S.Bice.

Printed 12/21/2006.

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### Notice to Reader

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*