



# Material Safety Data Sheet

## CERFA-KLEEN 5387

### 1. Chemical Product and Company Identification

Product Name	CERFA-KLEEN 5387	Emergency Phone Number	24 HOUR - (800) 424-9300 (CHEMTREC)
Company Name	Houghton International Inc. Madison & Van Buren Aves Valley Forge, PA 19482	FAX	(610) 666-1376
Website	www.houghtonintl.com	Customer Service	(888) 459-9844
Telephone	(610) 666-4000		

### 2. Hazardous Ingredients

EXPOSURE LIMITS HAVE NOT BEEN ESTABLISHED FOR ANY OF THE COMPONENTS IN THIS PRODUCT.  
SEE SECTION 3 FOR HEALTH HAZARD INFORMATION.

### 3. Hazards Identification

Primary Entry Routes	EYES, SKIN, INHALATION
Acute Effects	
Inhalation	INHALATION OF MISTS MAY IRRITATE UPPER RESPIRATORY TRACT.
Eye	MAY BE IRRITATING TO EYES.
Skin	MAY BE IRRITATING TO SKIN ON PROLONGED CONTACT.
Ingestion	NO SIGNIFICANT EFFECTS KNOWN OR EXPECTED IF INGESTED.
Carcinogenicity	THIS PRODUCT DOES NOT CONTAIN ANY COMPONENT REPORTABLE AS A CARCINOGEN UNDER 29 CFR 1910.1200.
Medical Conditions Aggravated by LongTerm Exposure	PRE-EXISTING SKIN AND RESPIRATORY CONDITIONS MAY BE AGGRAVATED BY EXPOSURE.
Chronic Effects	UNKNOWN
HMIS:	
Health	1
Flammability	0
Reactivity	0

\* indicates that there may be chronic health effects present

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CERFA-KLEEN 5387****4. First Aid Measures**

Inhalation	IF INHALED, REMOVE TO A SOURCE OF FRESH AIR.
Eye Contact	FLUSH EYES WITH WATER 15 MINUTES, CONSULT PHYSICIAN.
Skin Contact	WASH SKIN WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSING. CONSULT PHYSICIAN IF IRRITATION PERSISTS.
Ingestion	IF INGESTED, DILUTE WITH WATER AND INDUCE VOMITING. CONSULT PHYSICIAN.
Note to Physicians	NO SPECIFIC ANTIDOTE KNOWN. BASED ON INDIVIDUAL REACTIONS OF THE PATIENT, THE PHYSICIAN'S JUDGMENT SHOULD BE USED TO CONTROL SYMPTOMS AND CLINICAL CONDITIONS.

N/A - Not Applicable

**5. Fire Fighting Measures**

Flash Point	N/A
Autoignition Temperature	N/D
LEL	NA
UEL	NA
Extinguishing Media	IF WATER IS REMOVED, USE CARBON DIOXIDE, DRY CHEMICAL, OR FOAM.
Unusual Fire or Explosion Hazards	NO UNUSUAL FIRE OR EXPLOSION HAZARDS.
Fire Fighting Instructions	WEAR PROTECTIVE GEAR DURING FIREFIGHTING.
NFPA:	
Health	1
Flammability	0
Reactivity	0
Special	N/A

N/A - Not Applicable; ND - Not Determined; &gt; - Greater Than; &lt; - Less Than



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## 6. Accidental Release Measures

Spill or Release Procedures      DILUTE WITH WATER AND MOP UP THOROUGHLY TO AVOID RESIDUAL SLIPPERINESS.

## 7. Handling and Storage

Handling Precautions      AVOID CONTACT WITH STRONG ACIDS. MATERIAL IS ALKALINE. WEAR PROTECTIVE CLOTHING DURING USE. WASH THOROUGHLY AFTER HANDLING.

Storage Requirements      KEEP CONTAINERS CLOSED WHEN NOT IN USE.

## 8. Exposure Controls/Personal Protection

Engineering Controls      GENERAL MECHANICAL TYPE IS SATISFACTORY.

Personal Protective Equipment

Eye/Face Protection      WEAR SAFETY GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.

Skin Protection      USE RUBBER GLOVES TO MINIMIZE SKIN CONTACT.

Respiratory Protection      RESPIRATORY PROTECTION GENERALLY NOT REQUIRED.

Other      EYE BATH AND SAFETY SHOWER RECOMMENDED.

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

## 9. Physical and Chemical Properties

Appearance	CLEAR, PALE STRAW TO WATER WHITE LIQUID	Water Solubility	COMPLETE
Odor	BLAND	Boiling Point	215°F
Vapor Pressure (mmHg)	AS WATER	Freezing/ Melting Point	N/D
Vapor Density (Air = 1)	AS WATER	Evaporation Rate (BuAc = 1)	AS WATER
Specific Gravity (Water = 1)	1.068		

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pH (Neat)	9.5
pH (Dilution)	
At Percent	2
pH	9.2

N/D - Not Determined; N/A - Not Applicable; &gt; - Greater Than; &lt; - Less Than

**10. Stability and Reactivity**

Stability	THIS PRODUCT IS STABLE AT ROOM TEMPERATURE IN CLOSED CONTAINERS UNDER NORMAL STORAGE AND HANDLING CONDITIONS.
Chemical Incompatibilities	STRONG ACIDS
Hazardous Decomposition Products	THERMAL; OXIDES OF CARBON
Hazardous Polymerization	HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

**11. Toxicological Information**

NO DATA AVAILABLE

**12. Ecological Information**

NO DATA AVAILABLE

**13. Disposal Considerations**

Disposal	FOLLOW PERTINENT REGULATIONS FOR DISPOSAL. IT IS THE RESPONSIBILITY OF THE PRODUCT USER TO DETERMINE, AT THE TIME OF DISPOSAL, WHETHER A MATERIAL CONTAINING THE PRODUCT OR DERIVED FROM THE PRODUCT SHOULD BE CLASSIFIED AS A HAZARDOUS WASTE. (40 CFR 261.20-24)
RCRA Hazardous Waste Number	NA



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## 14. Transportation Information

Proper Shipping Name NOT HAZARDOUS UNDER DOT, AIR, OR IMO REGULATIONS.

## 15. Regulatory Information

TSCA Section 8(b) ALL OF THE COMPONENTS IN THIS PRODUCT ARE ON THE TSCA INVENTORY.

CERCLA Reportable Quantity NONE

SARA Title III, Section 313 THIS PRODUCT CONTAINS NO TOXIC CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

Ozone Depleting Substances THIS PRODUCT WAS NOT MANUFACTURED, DOES NOT CONTAIN, AND WAS NOT PACKAGED USING ANY CLASS I OR CLASS II OZONE DEPLETING SUBSTANCE AS DEFINED BY THE CLEAN AIR ACT.

## 16. Other Information

Prepared By GARY CARL

Title MANAGER, PRODUCT SAFETY

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