



SAFETY DATA SHEET

ICC 318 Heavy Duty Cleaner-Degreaser™

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: ICC 318 Heavy Duty Cleaner-Degreaser™
Manufacturer: INTERCONTINENTAL CHEMICAL CORPORATION
Address: 4660 Spring Grove Avenue, Cincinnati, OH USA 45232-1995
Emergency Phone: 513-541-7100 (business hours 8am-5pm Eastern Time)
Chemtrec Phone: 800-424-9300 (after business hours) Ref. CCN 11409
Fax Phone: 513-541-6880
Chemical Family: Alkaline detergent/cleaner
Product Use: Cleans dirt, grease and grime from industrial substrates

SECTION 2: HAZARDS IDENTIFICATION

DANGER	Hazard Category	Hazard Classification
	1	Eye Damage / Irritation
	1	Skin Corrosion / Irritation

PICTOGRAM AND HAZARD STATEMENTS



Causes severe skin burns and eye damage

PREVENTION

Do not breathe dust, fume, gas, mist, vapors or spray.
Wash thoroughly after handling.
Wear protective gloves, clothing, eye and face protection.

RESPONSE

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with plenty of water or shower.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Immediately call a POISON CENTER or doctor if you feel unwell.
If skin irritation occurs: Get medical advice or attention.
Wash contaminated clothing before reuse.

STORAGE: Store locked up.

DISPOSAL: Dispose in accordance with local, state and federal regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

ICC 318 is a proprietary product; the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Ingredient:	Buffered Aqueous Solution	Sodium Metasilicate
CAS NO.:	Proprietary	6834-92-0
% WT:	>97	<3

SECTION 4: FIRST AID MEASURES

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If swallowed: Rinse mouth.
If on skin or hair: Immediately take off all contaminated clothing. Rinse skin with plenty of water or shower.
If inhaled: Remove person to fresh air and keep comfortable.

Immediately seek medical attention if you feel unwell.
Wash contaminated clothing before reuse.
Absorb spillage to prevent further product contact.

Likely Routes of Exposure: Eyes, skin, inhalation, ingestion

Most Important Symptoms and Effects, both Acute and Delayed:
May cause severe eye damage and burns to skin. May cause irritation to airways.

Acute Health Hazard Symptoms:

Eyes: May cause eye damage.
Skin: May cause irritation or skin burns
Ingestion: Irritation of digestive tract, gastric disturbances.
Inhalation: May cause irritation to airways.
Acute Health Hazards: Corrosive to eyes and possibly skin.

Chronic Effects: No data available

SECTION 5: FIRE-FIGHTING MEASURES

Flammable Limits in Air, (% By Volume): UPPER: Not determined. LOWER: Not determined.
Flash Point: None
Method Used: Not Applicable
Autoignition Temperature: Not determined.
NFPA 704 Standard: HEALTH: 3 FLAMMABILITY: 0 INSTABILITY: 0
Extinguishing Media: Not Applicable
Special Fire Fighting Procedures: No special fire fighting procedures.
Unusual Fire And Explosion Hazards: None known.
Hazardous Decomposition Products: In major fire: possible smoke, carbon monoxide, carbon dioxide, silicate and alkaline fumes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Small spills may be wiped, large spills use inert absorbent material.

SECTION 7: HANDLING AND STORAGE

Close containers when not in use; do not contaminate; if stored outdoors, use protective covering. Do not store in standing water. Do not reuse container. Store locked up.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with Exposure Limits: None established.

Engineering Controls: As required to provide normal air flow.
Ventilation: Local exhaust is recommended.
Respiratory Protection: Under normal use conditions a respirator should not be necessary, subject to local plant regulations; however, under conditions of excessive airborne concentrations, a NIOSH-approved respirator for organic vapors is recommended.
Eye Protection: Safety goggles or splash-proof goggles/face shield recommended.
Skin Protection: Chemical resistant gloves; latex or neoprene recommended.
Other Protective Gear: Proper apparel to prevent unnecessary exposure to personnel.
Work Hygienic Practices: Normal plant procedures. Wash hands upon leaving work area. Launder clothes before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Red liquid
Odor:	Mild pine
Odor threshold:	No data available
pH:	13.0-13.5 (11.5 @ 1% dilution)
Melting/freezing point:	Approximately 36°F. or 2°C. (~slush point)
Initial boiling point and boiling range:	Greater than 212°F. or 100°C.
Flash point:	None
Evaporation rate (n-butyl acetate = 1):	Less than 1
Flammability:	No data available
Upper/lower flammability or explosive limits:	No data available
Vapor pressure:	Approximately similar to water
Vapor density (Air = 1):	Approximately similar to water.
Relative density:	1.06 (8.85 pounds/gallon; 1060 grams/liter)
Solubility:	Complete
Partition coefficient; n-octanol water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available

SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable
Reactivity:	Low
Conditions to Avoid:	Welding arcs, open flame
Incompatibility (Material to Avoid):	Acids or strong oxidizing agents
Hazardous Decomposition or By-Products:	In major fire: possible smoke, carbon monoxide, carbon dioxide, silicate and alkaline fumes.
Hazardous Polymerization:	Cannot occur.
Conditions to Avoid (Polymerization):	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Eyes, skin, ingestion and inhalation.
Acute Oral Toxicity Estimate:	Greater than 3000 mg/kg
Acute Dermal Toxicity Estimate:	Greater than 5000 mg/kg
Acute Inhalation Toxicity Estimate:	No data available
Acute Health Hazard Symptoms:	
Eyes:	May cause eye damage.
Skin:	May cause irritation or skin burns.
Ingestion:	Irritation of digestive tract, gastric disturbances.
Inhalation:	May cause irritation to airways.
Acute Health Hazards:	Corrosive to eyes and possibly skin.
Skin Corrosion/Irritation:	No data available
Serious Eye Damage/Eye Irritation:	pH greater than 13.0
Respiratory or Skin Sensitization:	No data available
Germ Cell Mutagenicity:	No data available
Reproductive Toxicity:	No data available
Specific Target Organ Toxicity Single Exposure:	No data available
Specific Target Organ Toxicity Repeated or Prolonged Exposure:	No data available
Aspiration Hazard:	No data available
Chronic Effects:	No data available
Medical Conditions Generally Aggravated by Exposure:	No data available
Carcinogenicity:	OSHA: No NTP: No IARC: No

SECTION 12: ECOLOGICAL INFORMATION

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal regulations.

SECTION 14: TRANSPORT INFORMATION

U.S. Department of Transportation:

Proper Shipping Name / Hazard Class / ID Number / Packing Group / Label Statement

ICC 318, no label required

SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations

TSCA:

All ingredients listed

CERCLA:

Not applicable.

SARA TITLE III:

313 Reportable Ingredients:

Not applicable.

HAP's:

Not applicable.

California Regulations:

PROP 65:

Not applicable

SCAQMD Rule 443:

Low VOC material

SCAQMD Rule 443.1:

38 g VOC/Liter (0.32 pounds/gallon)

SCAQMD Rule 443.1:

Vapor pressure 0.01 mmHg @20°C. (excludes water).

International Regulations:

No data available

SECTION 16: OTHER INFORMATION

HMIS Rating:

HEALTH: 3 FLAMMABILITY: 0 REACTIVITY: 0

Preparation Information:

Prepared By Intercontinental Chemical Corporation on 8/11/2015

Disclaimer: Intercontinental Chemical Corporation believes that the data contained herein are factual, however no warranty, express or implied, is made concerning the accuracy of the information.