

MATERIAL SAFETY DATA SHEET

Section 1. Product and Company Identification

Product Name: IBD Strip Brush Cleaner DATE: 2/25/2014
Formula: 30-0150 REV. 01
Item#: 71821

Manufacturer: American International Industries
2220 Gaspar Ave
Los Angeles, CA 90040

Chem-Tel: (800) 255-3924

Section 2. Hazardous Identification

Flammability: Highly Flammable



Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry Eyes, skin or inhalation.

Eye: Vapors are irritating to the eyes. Splashes may cause severe irritation, with stinging, tearing,
Skin: Irritating due to defatting action on skin. Causes redness, pain, drying and cracking of the skin.
Ingestion: Swallowing small amounts is not likely to produce harmful effects. Ingestion of larger amounts
Inhalation: Inhalation of vapors irritates the respiratory tract. May cause coughing, dizziness, dullness and
Chronic Exposure: Prolonged or repeated skin contact may produce severe irritation of dermatitis.

Classification according to Directive 67/548/EEC

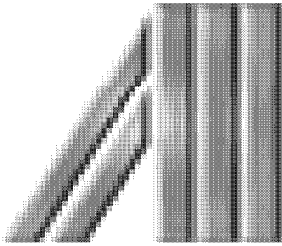
Hazard Category: Flammable (F), Irritant (Xi)
Risk Phrases: R11, R36, R66, R67
Safety Phrases: S2, S9, S16, S25, S26
See section 16 for complete risk and safety phrases.

HMIS Rating Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Product Rating: Health: 1
Flammability: 3
Reactivity: 0

NFPA Rating Scale: 0 = Normal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Flammability: 4
Health: 1
Reactivity: 0



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Special: None

Section 3. Composition / Information on Ingredients

Hazardous Ingredients:

Component	CAS #	%	Exposure Limits ppm	
			ACGIH-TLV	OSHA-PEL
Acetone	67-64-1	100.00%	TWA: 750ppm STEL: 1000ppm	TWA: 750ppm STEL: 1000ppm

Section 4. First Aid Measures

First Aid for Eye: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention.

First Aid for Skin: Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

First Aid for Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

First Aid for Ingestion: Aspiration hazard. If swallowed, vomiting may occur spontaneously, but DO NOT INDUCE. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Never give anything by mouth to an unconscious person. Call a physician immediately.

Section 5. Fire Fighting Measures

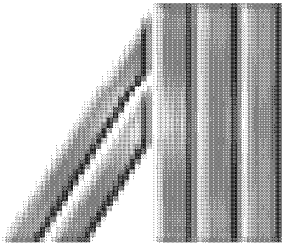
Flash Point (°F/°C): -0.40°F / -18.0°C (Tag Closed Cup)

Flammable Limit (vol%): LEL: 2.5
UEL: 12.8
Extremely Flammable Liquid and Vapor!

Auto-ignition Temp. 869°F / 465°C

Extinguisher Media: Dry chemical, alcohol foam or carbon dioxide. Water may be ineffective. Water spray may be used to keep fire exposed containers cool, dilute spills to nonflammable mixtures, protect personnel attempting to stop leak and disperse vapors.

Fire Fighting Procedures: Fire should be fought from a safe distance. Firefighters should wear full face, self-contained breathing apparatus and full protective clothing.



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Unusual Fire and Explosion Hazards: Closed containers exposed to excessive heat may rupture. Do not crush or puncture containers.

Section 6. Accidental Release Measures

Spill or Release Procedures: Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

Section 7. Handling and Storage

Handling & Storing: Protect against physical damage. Store in a cool, dry well-ventilated location, away from any area where the fire hazard may be acute. Outside or detached storage is preferred. Separate from incompatibles. Containers should be bonded and grounded for transfers to avoid static sparks. Storage and use areas should be No Smoking areas. Use non-sparking type tools and equipment, including explosion proof ventilation. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

Section 8. Exposure Controls / Personal Protective Equipment

Respiratory Protections (Specific Type):

Not normally needed under proper conditions of use and storage.

Ventilation to be Used:

Local and Mechanical recommend

Other Protective Clothing and Equipment:

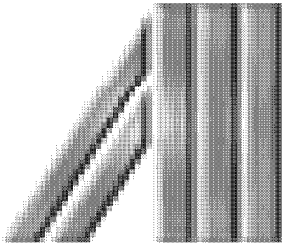
Skin: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Eye: Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

Hygienic Work Practices:

Wash hand thoroughly after using this product and before eating, drinking, or smoking.

Section 9. Physical and Chemical Properties



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Appearance @ 25°C:	Clear liquid	Viscosity (RVT):	Not applicable
Odor @ 25°C:	Characteristic	Vapor Pressure:	Not available.
pH	Not applicable	Vapor Density:	2 @ 20°C / 68°F
Specific Gravity:	790-792 kg/m ³ @ 20°C / 68°F	Evaporation Rate:	Not available.
Ignition:	Not applicable	Refractive Index:	1.359 @ 20°C / 68°F
Melting Point:	Not applicable		
Boiling Point:	-139°F / -95°C		
Solubility in Water	Miscible		

Section 10. Stability and Reactivity

Stability: Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products:

Carbon dioxide and carbon monoxide may form when heated to decomposition.

Incompatibility (Materials to Avoid):

Concentrated nitric and sulfuric acid mixtures, oxidizing materials, chloroform, alkalis, chlorine compounds, acids, potassium t-butoxide.

Hazardous Polymerization:

Will not occur

Conditions to Avoid: Heat, flames, ignition sources and incompatibles.

Section 11. Toxicological Information

Acute Oral Toxicity: No data available

Acute Dermal Toxicity: No data available

Acute Inhalation Toxicity: No data available

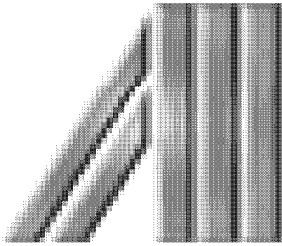
Skin Irritation: Not irritating to skin. Prolonged/repeated contact may cause defatting of the skin which can lead to dermatitis.

Eye Irritation: Irritating to eyes.

Sensitisation: Not expected to be a skin sensitiser.

Repeated Dose Toxicity: Low systemic toxicity on repeated exposure.

Mutagenicity: Not mutagenic.



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Carcinogenicity: Not expected to be carcinogenic.
Reproductive and Developmental Toxicity: Not expected to impair fertility

Section 12. Ecological Information

Acute Toxicity

Fish: No data available
Aquatic Invertebrates: No data available
Algae: No data available
Micro organisms: No data available

Mobility: If product enters soil, it will be mobile and may contaminate groundwater. Dissolves in water.
Persistence / degradability: Readily biodegradable.
Bioaccumulation: Not expected to bioaccumulate significantly.

Section 13. Disposable Considerations

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved incinerator or disposed in a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

Section 14. Transportation Information

<DOT Information>

Proper Shipping Name (49CFR 172.101): Acetone Solution
Hazard Class: 3
UN/NA: UN1090
Packing Group: II

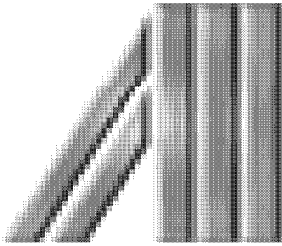
Finished Goods:

<DOT Information>

Proper Shipping Name: Consumer Commodity
DOT Hazard Class: ORM-D
UN ID Number: UN1090

Section 15. Regulatory Information

EC Label Name: Acetone
EC Label/EC Number: 200-662-2



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EC Classification:	Highly flammable. Irritant.
EC Annex I Number	606-001-00-8
EC Symbols:	F Highly flammable. Xi Irritant.
EC Risk Phrases:	R11 Highly flammable. R36 Irritating to eyes R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.
EZ Safety Phrases:	S9 Keep container in a well-ventilated place. S16 Keep away from sources of ignition - No smoking S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
AICS	Listed.
DSL	Listed.
INV (CN)	Listed.
ENCS (JP)	Listed.
TSCA	Listed.
EINECS	Listed.
KECI (KR)	Listed.
PICCS (PH)	Listed.

Section 16. Other Information

Risk Phrases::

R11 Highly Flammable
R36 Irritating to the eyes
R66 Repeated exposure may cause skin dryness or cracking
R67 Vapours may cause drowsiness and dizziness

Safety Phrases:

S2 Keep out of reach of children
S9 Keep container in a well ventilated place
S16 Keep away from sources of ignition - No smoking
S25 Avoid contact with eyes
S26 in case of contact with eyes, rinse immediately with plenty of water and seek medical advice.