



MATERIAL SAFETY DATA SHEET

Section 1. Product and Company Identification

Product Name:	EzFlow Brush It Activator	DATE:	12/2/2010
Formula:	30-1301	REV.	01
Item#:	66030		

Manufacturer: American International Industries
2220 Gaspar Ave
Los Angeles, CA 90040
Chem-Tel: (800) 255-3924

Section 2. Composition / Information on Ingredients

Hazardous Ingredients:

Component	CAS #	%	TOXICOLOGICAL DATA
Acetone	67-64-1	50-70	ACGIH: 500ppm (TLV) ACGIH: 750ppm (STEL) OSHA: 1000ppm (PEL)
Ethyl Acetate	141-78-6	30-50	ACGIH: 400ppm (TLV) OSHA: 400ppm (PEL)

Section 3. Hazardous Identification

Emergency Overview: **DANGER!**
EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE.
CONTAINS MATERIAL WHICH CAUSES DAMAGE TO THE FOLLOWING ORGANS:
KIDNEYS, LUNGS, LIVER, RESPIRATORY TRACT, SKIN, CENTRAL NERVOUS SYSTEM.
MAY CAUSE EYE IRRITATION. Product can affect you when breathed in and by passing through your skin. Vapors are irritating to mucous membrane and upper respirator tract. Irritating to eyes. Causes skin irritation and exposure to the skin can cause dermatitis. Exposure to high levels can cause you to feel dizzy and lightheaded. Very high levels could cause you to pass out. repeated contact can cause drying and cracking of the skin.

Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry: Eyes, skin, inhalation and ingestion.

Eye: Irritating to eyes.

Skin: Cause skin irritation. Overexposure causes sensitization.

Ingestion: Swallowing small amounts during normal handling is not likely to cause harmful effects.
Swallowing large amounts may be harmful.

Inhalation: Vapors are irritating to mucous membrane and upper respirator tract. Continuous high volume usage irritate eyes and nose. Vapors may cause drowsiness and dizziness.



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Potential Chronic Health Effects:	Acetone EPA-D, and TLV-A4: Inadequate human or animal evidence of carcinogenicity or no data are available. Ethyl acetate: Exposure to high levels can cause you to feel dizzy and lightheaded. Very high levels could cause you to pass out. Repeated contact can cause drying and cracking of the skin.
Medical Conditions Aggravated by Overexposure:	Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin, lung (for example, asthma-like conditions), blood-forming systems. [Ethyl Acetate]
Overexposure/ Signs/Symptoms:	Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea); irritation of nose, throat, eyes, and airways; central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

Section 4. First Aid Measures

First Aid for Eye:	Check for and remove and contact lenses. Immediately flush with water for at least 15 minutes, including under eyelids. Seek medical attention if discomfort persists.
First Aid for Skin:	In case of contact, immediately flush skin with plenty of water. Wash contaminated clothing with soap and water. Seek medical attention.
First Aid for Inhalation:	If symptoms of prolonged exposure to concentrated material vapors appear, remove to fresh air. If breathing is difficult, loosen any restrictive clothing and provide oxygen and get medical attention.
First Aid for Ingestion:	Do NOT induce vomiting unless otherwise directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as collar, tie, belt or waistband. Get medical attention if symptoms appear.
Notes to physicians:	Acetone: Replacement examinations should evaluate skin and respiratory conditions. Acetone can be detected in the blood, urine, and expired air. Ethyl acetate: Consider examining the point of attack: eyes, skin, and respiratory system. Preexisting disorders of organs of point of attack may be aggravated by exposure.

Section 5. Fire Fighting Measures

Flash Point (°F/°C):	4°F (-20° C) (acetone)
Flammable Limit (vol%):	LOWER: 3.6% UPPER: 16%
Auto-ignition Temp. (vol%)	455°C (851°F)
Extinguisher Media:	Dry chemical or carbon dioxide.



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Explosion:	Welding or cutting torch on or near drum can cause the product to ignite explosively.
Fire Hazards:	Dangerous when exposed to heat, sparks, flame or oxidants. Vapor is heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at location distant from material handling point.
Special Remarks on Explosion Hazards:	Acetone is extremely flammable and its vapors form explosive mixtures with air. Dangerous when exposed to heat, flame or oxidants.

Section 6. Accidental Release Measures

Small Spill and Leak:	Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.
Large Spill and Leak:	Flammable Liquid Keep away from heat. Keep away from source of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources.

Section 7. Handling and Storage

Handling:	Keep away from heat, sparks or flames. Keep container closed. Only use with adequate ventilation. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Use explosion-proof electrical (ventilating, lighting and material handling) equipment.
Storing:	Product containing ethyl acetate must be stored to avoid contact with nitrates, strong oxidizers such as chlorine, bromine, chlorine dioxide, nitrates, and permanganates; strong alkaline such as sodium, hydroxide, and potassium hydroxide; or strong acids, such as sulfuric hydrochloric acid, and nitric acid, since violent reactions occur.

Section 8. Exposure Controls / Personal Protective Equipment

Airborne Exposure Limits:	Acetone ACGIH TVL: TWA: 500ppm / 1188mg/m3 Ethyl Acetate ACGIH TVL: TWA: 400ppm / 1440mg/m3
Skin Protection:	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Disposable gloves are recommended.



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Eye Protection: Wear safety glasses. Wear coverall chemical splash goggles and face shield when the possibility exists for eye and face contact due to splashing or spraying of material.

Section 9. Physical and Chemical Properties

Appearance @ 25°C:	Colorless to light yellow liquid	Viscosity (RVT):	Not applicable
Odor @ 25°C:	Ester	Vapor Pressure:	.2 kPa (@20°C)
pH	Not available	Vapor Density:	>1
Specific Gravity:	0.837	Evaporation Rate:	Not available
Ignition:	Not applicable		
Boiling Point:	133.7°F (56.5°C)		
Solubility in Water	Soluble in cold water		

Section 10. Stability and Reactivity

Stability: Stable under ordinary conditions of use and storage. Heat and sunlight can contribute to instability.

Hazardous Decomposition Products: Carbon dioxide and water vapor. Incomplete combustion can yield carbon monoxide.

Incompatibility (Materials to Avoid):
Reactive with oxidizing agents, reducing agents, acids, alkalis.

Hazardous Polymerization:
Will not Occur

Section 11. Toxicological Information

Toxicity to Animals: No data available

Chronic Effects on Humans: No data available

Section 12. Ecological Information

None Available



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Section 13. Disposable Considerations

Waste Information: This product is a RCRA hazardous waste.
Waste Stream: U002, D001.
Consult your local or regional authorities.

Section 14. Transportation Information

<DOT Information>

Proper Shipping Name: Flammable Liquid , n.o.s. (Acetone, Ethyl Acetate)
Hazard Class: 3
UN/NA: UN1993
Packing Group: II

Section 15. Regulatory Information

HCS Classification Class: Flammable Liquid having a flash point lower than 37.8°C (100°F)
Class: Irritating substance.
Class: Sensitizing substance.
Class: Target organ effects.

U.S Federal Regulations: All ingredients are in compliance with TSCA

SARA 313 toxic chemical notification and release reporting: Acetone 60%
Clean Air Act (CAA) 112 regulated flammable substances: Acetone, Ethyl acetate.

DSCL (EEC): R11 - Highly flammable.
R36 - Irritating to eyes.

International List: Australia: Acetone
Japan (MITI): Acetone

Section 16. Other Information

Hazard Rating : Fire=3
Health=2
Reactivity=0