

SAFETY DATA SHEET

Date Issued: 6/02/2014
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Accelerator #31

1. PRODUCT AND COMPANY IDENTIFICATION

Product : Activator/Accelerator

Item No : Accelerator #31

Product Type : Accelerator for cyanoacrylate

Company Name : DOVER FINISHING PRODUCTS INC.

16789-A Hymus, Kirkland, Québec, Canada, H9H 3L4

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2. HAZARDS IDENTIFICATION

SUMMARY OF EMERGENCY

IMMEDIATE CONCERNS : Ignites quickly. Can cause irritation to skin and eyes. Irritating to mucous membranes and the respiratory system.

POTENTIAL HEALTH EFFECT :

EYES: May cause eye irritation. Symptoms include eyes that bite, cry, become red and swollen.

SKIN : Causes skin irritation. Symptoms include redness, burning sensation, skin drying and cracking, and damage to the skin.

INGESTION: May be harmful if swallowed. Although ingestion is not customarily LEMENT the entrance road when used in industry. Ingestion of liquid vomiting can cause serious lung problems.

INHALATION : May cause nose, throat and respiratory system.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE TOXICITY : Symptoms of Overexposure may include :

dizziness, a headache, an irritation, nausea. Can even cause CNS depression.

Acetone – is said that exposure to this material causes mild effects and reversible on the liver and / or kidneys, blood and abnormality caused damage to the fetus in laboratory animals.

Ethyle Acetate – It is said that overexposure caused blood abnormalities in laboratory animals.

MEDICAL CONDITION AGGRAVATED : Persons with conditions following existing health could worsen their case with an exhibition to this material : blood-forming system. Lung. Skin. Existing problems liver or kidneys.

STATEMENTS ON TARGET ORGANS : Central nervous system.

3. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS no
Acetone	50-60	67-64-1
Ethyl acetate	35-45	141-78-6
Gamma-Butyrolactone	1-10	96-48-0
N,N-Dimethyl-p-toluidine	<1	99-97-8

4. FIRST AID

EYES: Wash immediately with water for 15 minutes. Look for immediate medical help.

PEAU: Immediately remove the product from the skin with a cloth or towel dried.

Wash immediately with water (using soap if available) for at least 15 minutes. Remove clothing and shoes contaminated. Wash clothing before reuse. If irritation persists, seek medical help.

INGESTION: Do not induce vomiting unless instructions medical staff. Never give some substance to ingest a unconscious person. Seek medical help.

INHALATION : Move out. If not breathing, give the artificial respiration or oxygen by medical personnel. If the symptoms increase or persist seek medical assistance.

NOTES TO PHYSICIAN : This material is a respiratory hazard. The danger potential respiratory must be assessed in the light of oral toxicity possible.

5. WAYS TO FIGHT THE FLAMES

FLASH POINT AND METHOD : -20C (-4F) Closed cup

Notes : known the lowest value. (Acetone)

FLAMMABILITY CLASS : Flammable

GENERAL HAZARD : Flammable liquid and vapor

RECOMMENDED PRODUCTS OF EXTINCTION : Dry chemical, foam resistant to alcohol or carbon dioxide.

PRODUCTS WITH BURNING DANGER : Emits toxic fumes fire.

EXPLOSION HAZARDS : Vapors may travel to ignition point and return in flames. A container can explode under fire. Use a jet of water to cool the containers exposed to fire.

PROCEDURES EXTINCTION FIRE : As usual, wear self-contained breathing apparatus with adjustable pressure (approved or equivalent MSHA/NIOSH) and full protective gear.

HAZARDS DECOMPOSITION PRODUCTS : Carbon oxides. Nitrogens oxides.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL : Eliminate all sources of ignition. Absorb with inert material and transfer to a suitable container.

MAJOR SPILL : Shut off all sources of ignition. Stop spill at its source. Dike if necessary. Absorb with inert material and transfer to a suitable container. Do not use tools that can produce sparks.

NOTES FOR THE DISPOSAL : Prevent from entering sewers, drains or the environment.

SPECIAL PROTECTIVE EQUIPMENT : **Wear equipment appropriate personal protection.**

COMMENTS : The provision of cleaning materials may be subject to government regulations. Comply with all regulations management waste at local and national.

7. HANDLING AND STORAGE

HANDLING : Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Do not breathe vapors. Keep away from heat, flames and sparks. Make collage and ground containers when transferring material. Use proof tools of sparking and equipment that can an explosion. Empty containers may contain waste materials and flammable vapors. Do not cut, puncture or welding near empty containers.

STORAGE: Keep container closed when not in use. Store in cool, dry and well ventilated. Store and use away from heat, sparks, flames or other sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)

Chemical Name	EXPOSURE LIMITS			
	OSHA PEL	ACGIH TLV		
	ppm	mg/m ³	ppm	mg/m ³
Acetone	TWA 1000 ppm	2400	500 ppm	NL

	STEL	NL	NL	750	NL
Ethyl acetate	TWA	400 ppm	1400	400 ppm	NL

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to keep the contaminants in the air inside their TLVs during use of the product.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE : Safety glasses. If possibility of splashing or spray, wear appropriate eye protection.

SKIN : Gloves (impervious).

DUCTING SYSTEM RESPIRATORY : Wear a suitable breathing mask if ventilation is inadequate.

PROTECTIVE CLOTHING : If skin contact is possible, wear waterproof clothing to chemicals.

WORK HYGIENIC PRACTICES : Wash hands before eating, smoking or use the washroom. Food or beverages should not be eaten there or the product is used or stored. Wash completely after handling the product.

OTHER USE PRECAUTIONS : The storage area or use the product should provide facilities for eye wash and shower safe.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE : Liquid

ODOR : Ester

COLOR : colorless to pale yellow up.

pH : Acidic

FLASH POINT AND METHOD : -20C (-4F) Close cup

Notes : known the lowest value. (Acetone)

SPECIFIC GRAVITY : 0.850

10. STABILITY AND REACTIVITY

STABILITY : Stable under normal conditions.

POLYMERIZATION : Will not occur.

CONDITIONS TO AVOID : Avoid ignition sources, excess heat and direct sunlight. Avoid oxidants.

HAZARDOUS DECOMPOSITION PRODUCTS : Complete combustion results in the formation of carbon dioxide and water vapor. Incomplete combustion can yield carbon monoxide.

INCOMPATIBLE MATERIALS : Acids. Alkali. Bases. Strong oxidizing agents. Agents strong reducing.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD50 (rat)	DERMAL LD50(rabbit)	INHALATION LC50 (rat)
Acetone	5800 rat (mg/kg)	7426 (rat) (mg/kg)	50100 Rat (mg/kg)
Ethyl acetate	5620 rat (mg/kg)	>18000 Rabbit/mg/kg	>45000 mg/m ³ (mouse)
Gamma-Butylactone	>1540 rat (mg/kg)	>5000 mg/kg guinea pig	>5100 Rat (mg/kg)

CHRONIC : No data as a product

12. ECOLOGICAL INFORMATION

COMMENTS : No data as a product

13. INFORMATION AVAILABLE

DISPOSAL METHOD : Dispose in accordance with local regulations and national environment control. Consult your licensed contractor for detailed recommendations.

14. TRANSPORT INFORMATION

DDT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME : Flammable liquids, N.O.S.

TECHNICAL NAME : contains Acetone and Ethyl Acetate.

CLASS/PRIMARY HAZARD DIVISION: 3

UN/NA NUMBER: UN1993

PACKING: II

AIR (ICAO/IATA)

SHIPPING NAME : Flammable liquids, N.O.S.

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15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (superfund amendments and reauthorization act)

FIRE: Yes **GRAVE:** Yes **CHRONIC:** Yes

313 REPORTABLE INGREDIENTS : No products above the levels minimum.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt. %	CERCLA R Q
Acétone	50-60	5000 lbs
Éthyle acétate	35-45	5000 lbs

TSCA (TOXIC SUBSTANCE CONTROL ACT)

CONDITIONS TSCA: All components of the mixture are in accordance with the TSCA.

CONDITIONS WITH SPECIAL REQUIREMENTS:

Product Name	Requirements
Acétone	This product contains a component listed on the Massachusetts Right to Know list of hazardous substances. This product contains a component listed on the Pennsylvania Right to Know list of hazardous substances.
Ethyle Acetate	This product contains a component listed on the Massachusetts Right to Know list of hazardous substances.. This product contains a component listed on the Pennsylvania Right to Know list of hazardous substances

16. ADDITIONAL INFORMATION

NFPA Rating (US)	Valeur
Health	2
Fire	4
Physical Hazard	0
Personal Protection :	

HMIS Rating(US)	Valeur
Health	2
Flammability	3
Physical Hazard	0
Protection Personnelle:	

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