

# SAFETY DATA SHEET

Date Prepared : 10/16/2012  
SDS No : 0016-10-2012D  
Date-Revised : 04/29/2015  
Revision No : 9

1796N32 (Accelerator #32)

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** 1796N32 (Accelerator #32)  
**PRODUCT DESCRIPTION:** Accelerator  
**PRODUCT CODE:** 1796N32

### MANUFACTURER

ThreeBond International, Inc.  
6184 Schumacher Park Drive  
West Chester, OH 45069  
**Emergency Phone:** (513) 779-7300

### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEMTREC (Domestic North America):**(800) 424 - 9300  
**CHEMTREC (International):**(703) 527 - 3887

## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATIONS

#### Health:

Eye Irritation, Category 2A  
Skin irritation, Category 2  
Specific target organ toxicity after single exposure: (Central Nervous system), Category 3

#### Physical:

Flammable Liquids, Category 2

### GHS LABEL



Flame



Exclamation  
mark

**SIGNAL WORD:** DANGER

### HAZARD STATEMENTS

H319: Causes serious eye irritation.  
H315: Causes skin irritation.  
H335: May cause respiratory irritation.  
H336: May cause drowsiness or dizziness.  
H225: Highly flammable liquid and vapour.

### Precautionary statement(s)

#### Prevention:

P264: Wash hands and/or skin thoroughly after handling.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P271: Use only outdoors or in a well-ventilated area.

## 1796N32 (Accelerator #32)

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233: Keep container tightly closed.

P241: Use explosion-proof [electrical/ventilating/lighting/...] equipment.

P242: Use non-sparking tools.

P240: Ground and bond container and receiving equipment.

P243: Take action to prevent static discharges.

### Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P302+P352: IF ON SKIN: Wash with plenty of water

P321: Specific treatment (see Response on this label).

P332+P313: If skin irritation occurs: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call a POISON CENTER/Doctor/Medical Professional if you feel unwell.

P370+P378: In case of fire: Use foam, CO<sub>2</sub>, or dry sand to extinguish.

### Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

### Disposal:

P501: Dispose of contents/container to appropriate facility according to local regulations

## EMERGENCY OVERVIEW

**IMMEDIATE CONCERNS:** May cause irritation to the eyes, skin, and respiratory tract.

### POTENTIAL HEALTH EFFECTS

**EYES:** May cause eye irritation

**SKIN:** May cause skin irritation

**INGESTION:** May be harmful if swallowed; Ingestion is an unlikely route of entry in industrial uses

**INHALATION:** May be harmful if inhaled.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Acetone	45 - 55	67-64-1
Ethyl acetate	35 - 45	141-78-6

## 4. FIRST AID MEASURES

**EYES:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

**SKIN:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms (skin irritation or rash) occur. Get medical attention. Wash clothing before reuse.

**INGESTION:** Rinse mouth well with water. Never give an unconscious person anything to ingest. Do not induce vomiting unless directed to do so by medical personnel. Seek immediate medical attention.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.



**SIGNS AND SYMPTOMS OF OVEREXPOSURE****ACUTE TOXICITY:** No data as a product**CHRONIC EFFECTS:** No data as a product**5. FIRE FIGHTING MEASURES****FLAMMABLE CLASS:** Extremely flammable**GENERAL HAZARD:** Dangerous when exposed to heat, sparks, flame, or oxidants.**EXTINGUISHING MEDIA:** Dry chemical or carbon dioxide.**HAZARDOUS COMBUSTION PRODUCTS:** Carbon oxides.**EXPLOSION HAZARDS:** Welding or cutting torch on or near drum can cause the product to ignite explosively.**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Then extinguish should be performed up wind.**6. ACCIDENTAL RELEASE MEASURES****SMALL SPILL:** Absorb with dry sand, soil, sawdust, cloth, etc., then place in a sealable container.**LARGE SPILL:** Dike and prevent overflow. Guide to a safe place then dispose properly.**ENVIRONMENTAL PRECAUTIONS****WATER SPILL:** Do not allow product to flow into rivers or affect the environment**GENERAL PROCEDURES:** Extinguish all sources of ignition**RELEASE NOTES:** Keep spilled material from entering storm drains, sewers, or other environmental mediums.**COMMENTS:** Disposal of clean-up materials may be governmentally regulated. Observe all applicable local, state, and federal waste management regulations.**7. HANDLING AND STORAGE****GENERAL PROCEDURES:** Avoid contact with eyes, skin, and clothing. Use with adequate ventilation. Take precaution against fire.**HANDLING:** Avoid contact with eyes and skin. Wear appropriate personal protection. Wash thoroughly after handling.**STORAGE:** Protect from direct sunlight. Store the product at moderate temperature. Store in original container at room temperature.**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****EXPOSURE GUIDELINES**

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
Chemical Name		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Acetone	TWA	1000 ppm	2400	500 ppm	
	STEL			750	
Ethyl acetate	TWA	400 ppm	1400	400 ppm	1440

**ENGINEERING CONTROLS:** Adequate ventilation may be necessary to control any air contaminants to within the TLV



control parameters during the use of this product.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Chemical safety goggles

**SKIN:** Wear appropriate gloves (polyethylene, rubber, solvent impervious materials, etc.).

**RESPIRATORY:** Wear mask that protects against organic gas poisoning.

**PROTECTIVE CLOTHING:** Wear chemically impervious clothing, gloves, boots, aprons and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

**WORK HYGIENIC PRACTICES:** Wash hands before eating, smoking, or using restroom. Food or beverages should not be consumed anywhere this product is handled or stored. Wash thoroughly after handling.

**OTHER USE PRECAUTIONS:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Ester

**COLOR:** Colorless to light yellow

**pH:** Acidic

**FLASHPOINT AND METHOD:** < (-3°F)

**SOLUBILITY IN WATER:** Easily soluble in cold water

## 10. STABILITY AND REACTIVITY

**STABILITY:** This product is stable at room temperature in closed containers under normal storage and handling conditions

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

**INCOMPATIBLE MATERIALS:** Oxidizing agents, acids, and alkalis.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (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 <sup>3</sup> (mouse)

**CHRONIC:** No data as a product

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No data as a product

**ECOTOXICOLOGICAL INFORMATION:** No data as a product



**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your licensed waste contractor for detailed recommendations.

**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Flammable liquids, n.o.s. (Acetone, Ethyl Acetate)

**UN/NA NUMBER:** UN1993

**PACKING GROUP:** II

**AIR (ICAO/IATA)**

**SHIPPING NAME:** Flammable liquids, n.o.s. (Acetone, Ethyl Acetate)

**UN/NA NUMBER:** UN1993

**PACKING GROUP:** II

**NOTE:** Follows ICAO/IATA regulation

**15. REGULATORY INFORMATION****UNITED STATES****CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

Chemical Name	Wt. %	CERCLA RQ
Acetone	45 - 55	5,000
Ethyl acetate	35 - 45	5,000

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA REGULATORY:** All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

**TSCA STATUS:** All ingredients are in compliance with the TSCA

**STATES WITH SPECIAL REQUIREMENTS**

Chemical Name	Requirements
Acetone	This product contains a component or components listed on the Massachusetts Right to Know list of hazardous substances. This product contains a component or components listed on the Pennsylvania Right to Know list of hazardous substances.
Ethyl acetate	This product contains a component or components listed on the Massachusetts Right to Know list of hazardous substances. This product contains a component or components listed on the Pennsylvania Right to Know list of hazardous substances.

**16. OTHER INFORMATION**

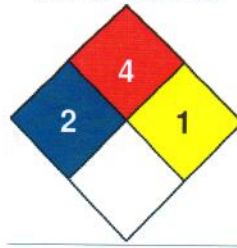
**Date-Revised:** 04/29/2015

**REVISION SUMMARY:** This MSDS replaces the 11/07/2012 MSDS. Revised: **Section 2:** .

**HMIS RATING**

<b>HEALTH</b>	*	<b>2</b>
<b>FLAMMABILITY</b>		<b>4</b>
<b>PHYSICAL HAZARD</b>		<b>1</b>
<b>PERSONAL PROTECTION</b>	<b>F</b>	

**NFPA CODES**



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