

# Safety Data Sheet: ADHESIVE ACCELERATOR

Supersedes Date 01/14/2011

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** ADHESIVE ACCELERATOR  
**Recommended use** Adhesive Accelerator  
**Information on Manufacturer**  
Partmaster, Div of NCH Corp.  
P.O. Box 655326  
Dallas, TX 75265-5326

**Product Code** 57051000  
**Chemical nature** mixture  
**Emergency Telephone Number**  
CHEMTREC® 800-424-9300  
**Telephone inquiry**  
972-579-2477

## 2. HAZARD IDENTIFICATION

**Color** Water - White Straw

**Physical State** Liquid

**Odor** Sweet

**Mixture or Pure Substance:** Mixture

### GHS

#### Classification

##### Physical Hazards

Flammable liquids

Category 2

##### Health Hazard

Acute Oral Toxicity

Category 3

Acute Dermal Toxicity

Category 3

Acute Inhalation Toxicity - Gas

Category 4

Acute Inhalation Toxicity - Vapors

Category 3

Acute Inhalation Toxicity - Dusts and Mists

Category 4

Skin Corrosion/Irritation

Category 3

Serious Eye Damage/Eye Irritation

Category 2

Specific target organ systemic toxicity (single exposure)

Category 3

Specific target organ systemic toxicity (repeated exposure)

Category 2

##### Other hazards

None

#### Labeling

##### Signal Word

DANGER



#### Hazard Statements

H225 - Highly flammable liquid and vapor  
H301 - Toxic if swallowed  
H311 - Toxic in contact with skin  
H316 - Causes mild skin irritation  
H319 - Causes serious eye irritation  
H331 - Toxic if inhaled  
H336 - May cause drowsiness or dizziness  
H373 - May cause damage to organs through prolonged or repeated exposure

#### Precautionary Statements

P210 - Keep away from heat, sparks, open flames or hot surfaces.  
P233 - Keep container tightly closed  
P240 - Ground/bond container and receiving equipment  
P241 - Use explosion-proof electrical, ventilating and lighting equipment  
P242 - Use only non-sparking tools  
P243 - Take precautionary measures against static discharge  
P260 - Do not breathe gas, vapor or mist  
P271 - Use in a well-ventilated area.  
P280 - Wear protective gloves, protective clothing and eye protection.  
P270 - Do not eat, drink or smoke when using this product  
P264 - Wash face, hands and any exposed skin thoroughly after handling.  
P314 - Get medical attention/advice if you feel unwell  
P322 - Specific measures (see supplemental first aid instructions on this label)  
P301+ P310 - IF SWALLOWED: Immediately call a physician  
P330 - Rinse mouth  
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower  
P332 + P313 - If skin irritation occurs, get medical attention.  
P363 - Wash contaminated clothing before reuse  
P304 + P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.  
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 attention.  
 P370 + P378 - In case of fire: use carbon dioxide, dry chemical, alcohol foam, water spray or fog for extinction  
 P403 + P235 - Store in a well-ventilated place. Keep cool  
 P403 + P233 - Store in a well-ventilated place. Keep container tightly closed  
 P273 - Avoid release to the environment  
 P501 - Dispose of contents and container to an approved waste disposal plant.

0 % of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %
Acetone	67-64-1	60-100
Benzenamine, N,N,4-trimethyl-	99-97-8	10-30

### 4. FIRST AID MEASURES

<b>General advice</b>	Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. Avoid breathing vapors, mist, or gas. Avoid contact with skin, eyes and clothing.
<b>Eye Contact</b>	Immediately flush eyes for at least 15 minutes. Get medical attention.
<b>Skin Contact</b>	Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.
<b>Inhalation</b>	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
<b>Ingestion</b>	Rinse mouth. If swallowed, do not induce vomiting - seek medical advice. Never give anything by mouth to an unconscious person.
<b>Notes to physician</b>	Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

<b>Flash Point</b>	-4 °F / -20 °C	<b>Method</b>	Tag closed cup
<b>Upper</b>	12.8		<b>Lower</b> 2.6
<b>Suitable Extinguishing Media</b>			
Carbon dioxide (CO2). Dry chemical. Alcohol-resistant foam. Water spray.			
<b>Specific hazards arising from the chemical</b>			
Solvent vapors are heavier than air and may spread along floors. Vapors may ignite and explode.			
<b>Protective Equipment and Precautions for Firefighters</b>			
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.			
<b>NFPA</b>	Health 1	<b>Flammability</b> 3	Instability 0
<b>HMIS</b>	Health 1	Flammability 3	Instability 0

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Remove all sources of ignition. Ensure adequate ventilation.
<b>Environmental Precautions</b>	Do not flush into surface water or sanitary sewer system.
<b>Methods for Containment</b>	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
<b>Methods for Cleaning Up</b>	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)
<b>Neutralizing Agent</b>	Not applicable.

### 7. HANDLING AND STORAGE

<b>Handling</b>	Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges.
<b>Storage</b>	Store in original container. Keep away from open flames, hot surfaces and sources of ignition. Keep containers tightly closed in a dry, cool and well-ventilated place.
<b>Storage Temperature</b>	<b>Minimum</b> 0 °F / -18 °C
<b>Storage Conditions</b>	<b>Indoor</b> X <b>Outdoor</b> <b>Heated</b> <b>Refrigerated</b> 100 °F / 38 °C

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Acetone	TWA: 500 ppm	TWA: 1000 ppm	IDLH: 2500 ppm

	STEL: 750 ppm	TWA: 2400 mg/m <sup>3</sup>	TWA: 250 ppm TWA: 590 mg/m <sup>3</sup>
Benzenamine, N,N,4-trimethyl-	No data available	No data available	No data available

<b>Engineering Measures</b>	Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection</b>	Chemical goggles should be worn when handling .
<b>Skin Protection</b>	Wear suitable protective clothing
<b>Respiratory Protection</b>	In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Use NIOSH approved respiratory protection.
<b>General Hygiene Considerations</b>	Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Wear protective gloves/clothing. Wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid	<b>Viscosity</b>	Non viscous
<b>Color</b>	Water - White Straw	<b>Odor</b>	Sweet
<b>Odor Threshold</b>	Not applicable	<b>Appearance</b>	Transparent
<b>pH</b>	No data available	<b>Specific Gravity</b>	.80
<b>Evaporation Rate</b>	5.0	<b>Percent Volatile (Volume)</b>	100
<b>VOC Content (%)</b>	8	<b>VOC Content (g/L)</b>	64
<b>Vapor Pressure</b>	184 mmHg @ 68°F	<b>Vapor Density</b>	2
<b>Solubility</b>	85%	<b>n-Octanol/Water Partition</b>	No data available
<b>Melting Point/Range</b>	-139 °F / -95 °C	<b>Decomposition Temperature</b>	No data available
<b>Boiling Point/Range</b>	133 °F / 56 °C	<b>Flammability (solid, gas)</b>	No data available
<b>Flash Point</b>	-4 °F / -20 °C	<b>Method</b>	Tag closed cup
<b>Autoignition Temperature</b>	No information available.		
<b>Upper 12.8 Lower 2.6</b>			

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable. Hazardous polymerization does not occur.
<b>Conditions to Avoid</b>	Keep away from open flames, hot surfaces, and sources of ignition
<b>Incompatible Products</b>	Nitric acid, Acetic acid.
<b>Hazardous Decomposition Products</b>	None under normal use
<b>Possibility of Hazardous Reactions</b>	None under normal processing

## 11. TOXICOLOGICAL INFORMATION

### Product Information

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):

<b>Oral LD50</b>	No information available
<b>Dermal LD50</b>	No information available
<b>Inhalation LC50</b>	
<b>Gas</b>	No information available
<b>Mist</b>	No information available
<b>Vapor</b>	No information available
<b>Principle Route of Exposure</b>	Skin contact, Eye contact, Inhalation.
<b>Primary Routes of Entry</b>	None known
<b>Acute Effects</b>	
<b>Eyes</b>	Moderately irritating to the eyes.
<b>Skin</b>	Irritating to skin.
<b>Inhalation</b>	Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.
<b>Ingestion</b>	Aspiration hazard if swallowed - can enter lungs and cause damage. May be fatal if swallowed and enters airways.
<b>Chronic Toxicity</b>	Liver and kidney injuries may occur.
<b>Target Organ Effects</b>	Skin
<b>Aggravated Medical Conditions</b>	Skin disorders
<b>Component Information</b>	
<b>Acute Toxicity</b>	None known

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Acetone	no data available	no data available	= 50100 mg/m <sup>3</sup> ( Rat ) 8 h	no data available	no data available
Benzenamine, N,N,4-trimethyl-	no data available	no data available	= 1400 mg/m <sup>3</sup> ( Rat ) 4 h	no data available	no data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Acetone	no data available	no data available	no data available	no data available	eyes, CNS, respiratory system, skin
Benzenamine, N,N,4-trimethyl-	no data available	no data available	no data available	no data available	no data available

**Carcinogenicity**

There are no known carcinogenic chemicals in this product.

Component	ACGIH	IARC	NTP	OSHA	Other
Acetone	not applicable				
Benzenamine, N,N,4-trimethyl-	not applicable				

**12. ECOLOGICAL INFORMATION****Product Information**

No information available.

**Component Information**

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow	
Acetone	no data available	LC50 4.74 - 6.33 mL/L Oncorhynchus mykiss 96 h LC50 6210 - 8120 mg/L Pimephales promelas 96 h LC50 = 8300 mg/L Lepomis macrochirus 96 h	EC50 = 14500 mg/L 15 min	EC50 10294 - 17704 mg/L 48 h EC50 12600 - 12700 mg/L 48 h		-0.24
Benzenamine, N,N,4-trimethyl-	no data available	LC50 42 - 50.5 mg/L Pimephales promelas 96 h	no data available	no data available	2.81	

**Persistence and Degradability**

No information available.

**Bioaccumulation**

No information available.

**Mobility**

No information available.

**13. DISPOSAL CONSIDERATIONS****Product Disposal**

Dispose of in accordance with local regulations.

**Container Disposal**

Empty containers should be taken for local recycling, recovery, or waste disposal.

**14. TRANSPORT INFORMATION****DOT**

<b>Proper Shipping Name</b>	Acetone solution
<b>Hazard Class</b>	3
<b>UN-No</b>	UN1090
<b>Packing Group</b>	II
<b>Reportable Quantity (RQ)</b>	Acetone, RQ kg= 2837.50
<b>Description</b>	UN1090, Acetone Solution,3, PG II

**TDG**

<b>Hazard Class</b>	3
<b>UN-No</b>	UN1090
<b>Packing Group</b>	II

**ICAO**

<b>UN-No</b>	UN1090
<b>Proper Shipping Name</b>	Acetone
<b>Hazard Class</b>	3
<b>Packing Group</b>	II
<b>Shipping Description</b>	UN1090,Acetone solution, 3, PG II

**IATA**

<b>UN-No</b>	UN1090
<b>Proper Shipping Name</b>	Acetone solution
<b>Hazard Class</b>	3
<b>Packing Group</b>	II
<b>ERG Code</b>	3H
<b>Shipping Description</b>	UN1090,Acetone solution, 3, PG II

**IMDG/IMO**

<b>Proper Shipping Name</b>	Acetone solution
<b>Hazard Class</b>	3

UN-No	UN1090
Packing Group	II
EmS No.	F-E, S-D
Shipping Description	UN1090, Acetone solution, 3, PG II, (-20°C c.c.)

#### 15. REGULATORY INFORMATION

**Inventories**

TSCA	Complies
DSL	Complies

**U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazardous Categorization**

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	Yes	No	No

**CERCLA**

Component	Hazardous Substances RQs	CERCLA EHS RQs
Acetone	5000 lb	Not applicable
Benzenamine, N,N,4-trimethyl-	Not applicable	Not applicable

#### 16. OTHER INFORMATION

**Prepared By**

Christopher Drogin

**Supercedes Date**

01/14/2011

**Issuing Date**

01/29/2014

**Reason for Revision**

No information available.

**Glossary**

No information available.

**List of References.**

No information available.

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