

Material Safety Data Sheet

91-155/EEC

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Section 1: Chemical Product and Company Identification

Cat#: 02608

Part Name: BATSON'S #17 CATALYST

Supplier: Polysciences, Inc.
400 Valley Road
Warrington, PA 18976 USA
Telephone #011-215-343-6484

Section 2: Composition/ Information on Ingredients

Note: Items listed with a CASRN... number have no CAS# available.

Item#	Name	CAS#	% in product
1	Acetone	0000067641	14
2	Benzoyl peroxide	0000094360	8
3	Dibutyl phthalate	0000084742	74

Section 3: Hazards Identification

Causes skin and eye irritation.

Flammable liquid and vapor.

Harmful to fish and other water organisms.

Hazard Ratings:

These ratings are Polysciences' Inc. own assesments of the properties of the material using the ANSI/NFPA 704 Standard. Additional information can be found by consulting in the NFPA published ratings lists (List 325 and List 49).

If no data is listed the information is not available.

Health	Flammability	Reactivity
1	3	0

Section 4: First Aid Measures

Flush eyes with flowing water for at least 15 minutes.

If swallowed, do not induce vomiting. Do not give anything to drink. Obtain medical attention without delay.

If swallowed, wash out mouth with water if person is conscious.

Remove contaminated clothing.

Remove to fresh air.

Separate eyelids with finger tips.

Wash skin with deluge of water for at least 15 minutes.

Section 5: Fire Fighting Measures

Flash point, deg F.: 0 Method: nav

UEL: 13.0 LEL: 2.6 Autoignition temperature, deg. F.: 1000 F

Flammability Classification: 3 Flame Propagation Rate: no data

Hazardous Combustion Products: oxides of carbon

Section 6: Accidental Release Measures

Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.

Absorb liquids on absorbent material.

Remove ignition sources.

Ventilate the area.

Section 7: Handling and Storage

Store at room temp

Section 8: Exposure Controls/ Personal Protection

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

Use chemical splash goggles and face shield.

Use latex or equivalent gloves.

Use process enclosures, local exhaust ventilation, or other engineering controls.

Chemical-resistant gloves should be worn whenever this material is handled. The glove material has to be impermeable and resistant to the product. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough. Rinse and remove gloves immediately after use. Wash hands with soap and water. All glove recommendations presume that the risk of exposure is through splash and not intentional immersion of the hands into the product. Since glove permeation data does not exist for this material, no recommendation for the glove material can be given for the product. Permeation data must be obtained from the glove manufacturer to determine if the glove is suitable for the task.

Section 9: Physical and Chemical Properties

Formula:	mixture	vapor pressure:	213 at 77 F
Formula Weight:	nap	vapor density:	no data
boiling point:	133	Specific gravity:	0.9
melting point:	no data	ph:	nap
solubility:	not soluble	appearance:	clear yellowish liquid

Section 10: Stability and Reactivity

Chemical Stability: stable
Conditions to Avoid: heat, spark, flame
Incompatibility with other materials: oxidizers
Hazardous Decomposition Products: oxides of carbon
Hazardous Polymerization: will not occur

Section 11: Toxicological Information

Acute Data: no data
Subchronic data: no data

Section 12: Ecological Information

no data

Section 13: Disposal Considerations

The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all Federal, State and Local Regulations.

CAS#	Waste Code	Regulated Name
0000067641	U002	Acetone
0000084742	U069	Dibutyl phthalate
0000094360	not listed	not listed

Section 14: Transportation Data

Proper Shipping Name	ACETONE SOLUTION
Chemical Name	
UN	UN1090
Class	3
PG	II

Section 15: Regulatory Information

All components of this product are on the TSCA public inventory.

R10	Flammable.
R36/38	Irritating to eyes and skin.
R51	Toxic to aquatic organisms.
S0	No S Phrase applies. Use ambient temperature storage and normal chemical controls.
S7/9	Keep container tightly closed and in a well-ventilated place.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.

GHS Precautionary and Hazard Statements

DANGER

P381	Eliminate all ignition sources if safe to do so.
P390	Absorb spillage to prevent material damage.

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P280A Wear protective gloves
P285 In case of inadequate ventilation wear respiratory protection.
H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H412 Harmful to aquatic life with long lasting effects.
P301B IF SWALLOWED, give 8 oz. of water or milk to drink. Never give anything by mouth to an unconscious person.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305B IF IN EYES, Separate eyelids with finger tips.
P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P351 Rinse cautiously with water for several minutes.
P361 Remove/Take off immediately all contaminated clothing.



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Section 16: Other Information

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