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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: HYSOL AC0305 GAL
Product type: Solvent
Company address:
 Henkel Corporation
 One Henkel Way
 Rocky Hill, Connecticut 06067

Item No. : AC0305-B50 / IDH No. 497308
Region: United States
Contact Information:
 Telephone: (860) 571-5100
 Emergency telephone: (860) 571-5100
 Internet: www.henkelna.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Substituted propyl ester 108-65-6	30-60	None	None	None
Toluene 108-88-3	30-60	50 ppm TWA (skin)	200 ppm TWA 300 ppm Ceiling	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Liquid
Color: Colorless
Odor: Aromatic

HMIS:

HEALTH: 2*
FLAMMABILITY: 3
PHYSICAL HAZARD: 0
Personal Protection: See Section 8

WARNING: FLAMMABLE LIQUID AND VAPOR.
 MAY BE HARMFUL IF INHALED.
 MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

Relevant routes of exposure: Inhalation, Eye contact, Skin contact, Ingestion

Potential Health Effects

Inhalation: May be harmful if inhaled. Vapors and mists will irritate nose and throat and possibly eyes. Vapors may cause headaches, nausea, dizziness and respiratory tract irritation.
Skin contact: May cause skin irritation with discomfort or rash. Prolonged contact with skin may cause dermatitis.
Eye contact: May cause irritation.
Ingestion: May cause an aspiration hazard if swallowed. Aspirated material can enter lungs and cause damage.

Existing conditions aggravated by exposure: Pre-existing skin, respiratory, central nervous system, liver and kidney conditions may be susceptible.

See Section 11 for additional toxicological information.

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Skin contact:	Remove contaminated clothing and shoes. Wash with soap and water. Get medical attention if symptoms occur.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Ingestion:	Do not induce vomiting: contains petroleum distillates and/or aromatic solvents. If vomiting occurs, prevent aspiration by keeping the patients head below the knees. Aspiration may cause pulmonary edema and pneumonitis. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Flash point:	4.44°C (40°F) Closed cup
Autoignition temperature:	354°C (669°F) estimated
Flammable/Explosive limits-lower %:	1.2 % (Toluene)
Flammable/Explosive limits-upper %:	8% (Toluene)
Extinguishing media:	Water spray (fog), foam, dry chemical or carbon dioxide.
Special fire fighting procedures:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
Unusual fire or explosion hazards:	Hydrocarbon solvents are basically non-conductors of electricity and can become electrostatically charged during mixing, filtering or pumping at high flow rates. If this charge reaches a significantly high level, sparks can form that may ignite vapors of flammable liquids. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back. Vapor accumulation can flash or explode if ignited. In the event of fire, cool tanks with water spray. May form peroxides of unknown stability.
Hazardous combustion products:	Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Prevent product from entering drains or open waters.
Clean-up methods:	Evacuate and ventilate spill area; dike spill to prevent entry into water system; wear full protective equipment during clean-up. Spilled liquid is combustible and can be ignited by heat, flames, sparks, or other sources of ignition. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

7. HANDLING AND STORAGE

Handling:	During use and until all vapors are gone: Keep area ventilated - do not smoke; extinguish all flames, pilot lights, and heaters; turn off stoves, electrical tools and appliances, and any other sources of ignition. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
Storage:	Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.
Incompatible products:	Refer to Section 10.

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:	Use explosion-proof mechanical ventilation and local exhaust to control contaminants to within their occupational exposure limits during the use of this product.
Respiratory protection:	Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

Skin protection: Long sleeved clothing Chemical resistant, impermeable gloves.

Eye/face protection: Chemical splash goggles or safety glasses with side shields. In a splash hazard environment, chemical goggles should be used in combination with a full face shield.

See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Color: Colorless
Odor: Aromatic
Vapor pressure: 25.34 mmHg (estimated)
pH: Not applicable
Boiling point/range: 130°C (266°F) estimated
Melting point/range: Not available
Specific gravity: 0.9
Vapor density: 3.6 (air equals 1)
Evaporation rate: 1.4 (estimated) (Butyl acetate = 1)
Solubility in water: Insoluble
Partition coefficient (n-octanol/water): Not available
VOC content: 100%; 920 grams/liter (ASTM D2369)

10. STABILITY AND REACTIVITY

Stability: Stable.

Hazardous polymerization: Will not occur.

Hazardous decomposition products: None reasonably foreseeable

Incompatibility: Oxidizing agents. Nitric acid. Sulfuric acid.

Conditions to avoid: Keep away from open flames, hot surfaces and sources of ignition Storage with incompatible materials.

11. TOXICOLOGICAL INFORMATION

Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Substituted propyl ester 108-65-6	No	No	No
Toluene 108-88-3	No	No	No

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Substituted propyl ester 108-65-6	Central nervous system, Irritant
Toluene 108-88-3	Behavioral, Cardiac, Central nervous system, Developmental, Ear, Irritant

12. ECOLOGICAL INFORMATION

Ecological information: Not available

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations.

EPA hazardous waste number: D001: Ignitable.

14. TRANSPORT INFORMATION

U.S. Department of Transportation Ground (49 CFR):

Proper shipping name: FLAMMABLE LIQUID, N.O.S. (Toluene , Propylene glycol monomethyl ether acetate)
Hazard class or division: 3
Identification number: UN 1993
Packing group: II

International Air Transportation (ICAO/IATA):

Proper shipping name: FLAMMABLE LIQUID, N.O.S. (Toluene , Propylene glycol monomethyl ether acetate)
Hazard class or division: 3
Identification number: UN1993
Packing group: II

WaterTransportation (IMO/IMDG):

Proper shipping name: FLAMMABLE LIQUID, N.O.S. (Toluene , Propylene glycol monomethyl ether acetate)
Hazard class or division: 3
Identification number: UN1993
Packing group: II

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
TSCA 12 (b) Export Notification: None.

CERCLA/SARA Section 302 EHS: None.
CERCLA/SARA Section 311/312: Fire, Immediate Health Hazard, Delayed Health Hazard
CERCLA/SARA 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Toluene (CAS# 108-88-3).

California Proposition 65: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

Canada Regulatory Information

CEPA DSL/NDL Status: All components are listed on or are exempt from listing on the Domestic Substances List.
WHMIS hazard class: B.2, D.2.B

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: New Material Safety Data Sheet format.

Prepared by: Regulatory Affairs

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