Revision Number: 004.0

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: LOCTITE® 7387™ ACTIVATOR DEPEND® PART NO 18861
Product type: Activator
IDH number: 135276
Item number: 18861
Region: United States

Company address:
Henkel Corporation
1001 Trout Brook Crossing
Rocky Hill, Connecticut 06067

Contact information:
Telephone: 860.571.5100
Emergency telephone: 860.571.5100
Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMIS:

Physical state:	Liquid	**HEALTH:**	*2
Color:	Amber	**FLAMMABILITY:**	3
Odor:	Aliphatic	**PHYSICAL HAZARD:**	0
		Personal Protection:	See MSDS Section 8

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

Relevant routes of exposure: Skin, Inhalation, Eyes, Ingestion

Potential Health Effects

Inhalation: May cause respiratory tract irritation. Excessive inhalation of this material causes headache, dizziness, nausea and incoordination.

Skin contact: Causes skin irritation. Solvent action can dry and defat the skin, causing the skin to crack, leading to dermatitis.

Eye contact: Vapors may irritate eyes. Contact with eyes will cause irritation.

Ingestion: May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspirated material can enter the lungs and result in pneumonitis.

Existing conditions aggravated by exposure: Eye, skin, and respiratory disorders. Heart disease.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	CAS NUMBER	%
n-Heptane	142-82-5	30 - 60
3,5-Diethyl-1,2-dihydro-1-phenyl-2-propylpyridine	34562-31-7	10 - 30
2-Propanol	67-63-0	10 - 30
3-ethyl-2-propylquinoline	3290-24-2	1 - 5

4. FIRST AID MEASURES

Inhalation: Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.

Skin contact: Wash with soap and water. Remove contaminated clothing and footwear. Wash clothing before reuse. Get medical attention.

Eye contact: Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.

Ingestion: DO NOT induce vomiting unless directed to do so by medical personnel. Keep individual calm. Never give anything by mouth to an unconscious person. Get medical attention.

5. FIRE FIGHTING MEASURES

Flash point: -4 °C (24.8 °F)

Autoignition temperature: Not available

Flammable/Explosive limits - lower: Not available

Flammable/Explosive limits - upper: Not available

Extinguishing media: Foam. Carbon dioxide. Dry chemical.

Special firefighting procedures: Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Unusual fire or explosion hazards: Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.

Hazardous combustion products: Oxides of carbon. Oxides of nitrogen. Hydrocarbons. Cyanides. Toxic and irritating vapors.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions: Do not allow product to enter sewer or waterways. Remove all sources of ignition.

Clean-up methods: Ensure adequate ventilation. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Store in a partly filled, closed container until disposal.

7. HANDLING AND STORAGE

Handling: Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Do not taste or swallow. 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.

Storage: For safe storage, store at or below 38 °C (100.4 °F)
Store away from heat, sparks, flames, or other sources of ignition.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
n-Heptane	400 ppm TWA 500 ppm STEL	500 ppm (2,000 mg/m3) TWA	None	None
3,5-Diethyl-1,2-dihydro-1-phenyl-2-propylpyridine	None	None	None	None
2-Propanol	200 ppm TWA 400 ppm STEL	400 ppm (980 mg/m3) TWA	None	None
3-ethyl-2-propylquinoline	None	None	None	None

Engineering controls: Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.

Respiratory protection: Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

Eye/face protection: Safety goggles or safety glasses with side shields.

Skin protection: Chemical resistant, impermeable gloves. Use impermeable gloves and protective clothing as necessary to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Color: Amber
Odor: Aliphatic
Odor threshold: Not available
pH: Not applicable
Vapor pressure: 35 mm hg (20 °C (68°F))
Boiling point/range: 176 °F (80°C) Approximately
Melting point/ range: Not available
Specific gravity: 0.78
Vapor density: Heavier than air.
Flash point: -4 °C (24.8 °F)
Flammable/Explosive limits - lower: Not available
Flammable/Explosive limits - upper: Not available
Autoignition temperature: Not available
Evaporation rate: Not available
Solubility in water: Not miscible
Partition coefficient (n-octanol/water): Not available
VOC content: 83.84 %; 645.1 g/l

10. STABILITY AND REACTIVITY

Stability: Stable

Hazardous reactions: Will not occur.

Hazardous decomposition products: Oxides of carbon. Oxides of nitrogen. Toxic fumes.

Incompatible materials: Oxidizing agents. Acids. Bases. Aldehydes. Alkalis. Amines. Chlorine. Halogens. Isocyanates. Ethylene oxide.

Conditions to avoid: Keep away from heat, spark and flame. Store away from incompatible materials.

11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
n-Heptane	No	No	No
3,5-Diethyl-1,2-dihydro-1-phenyl-2-propylpyridine	No	No	No
2-Propanol	No	No	No
3-ethyl-2-propylquinoline	No	No	No

Hazardous components	Health Effects/Target Organs
n-Heptane	Central nervous system, Irritant
3,5-Diethyl-1,2-dihydro-1-phenyl-2-propylpyridine	No Records
2-Propanol	Allergen, Blood, Brain, Central nervous system, Irritant, Kidney, Liver, Spleen
3-ethyl-2-propylquinoline	No Data

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.

Hazardous waste number: D001: Ignitable. This product may contain traces of: Benzene. Therefore, it may be classified as hazardous waste under EPA RCRA (40 CFR 261.24), with waste number(s): D018: Benzene. Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

14. TRANSPORT INFORMATION

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

Proper shipping name: Flammable liquids, n.o.s. (Heptanes, Isopropanol)
Hazard class or division: 3
Identification number: UN 1993
Packing group: II
Exceptions: Consumer Commodity, ORM-D, (Not more than 1 L)

International Air Transportation (ICAO/IATA)

Proper shipping name: Flammable liquid, n.o.s. (Heptanes, Isopropanol)
Hazard class or division: 3
Identification number: UN 1993
Packing group: II
Exceptions: May Qualify as Consumer Commodity, ID8000, (Not more than 500 ml)

Water Transportation (IMO/IMDG)

Proper shipping name: FLAMMABLE LIQUID, N.O.S. (Heptanes, Isopropanol)
Hazard class or division: 3
Identification number: UN 1993
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: N-Heptane (CAS# 142-82-5).

CERCLA/SARA Section 302 EHS:	None above reporting de minimus
CERCLA/SARA Section 311/312:	Immediate Health, Delayed Health, Fire
CERCLA/SARA 313:	None above reporting de minimus
California Proposition 65:	This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Canada Regulatory Information

CEPA DSL/NDSL Status:	All components are listed on or are exempt from listing on the Canadian 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. 2,3,4, 5, 8, 9, and 10

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