

# MATERIAL SAFETY DATA SHEET

## Curtis/GlenChem Corp.

Eddystone Industrial Park  
2000 Industrial Highway  
Eddystone, PA 19022-1513

Product: **ASPHALT RELEASE N-D**

Daytime Telephone: (610) 876-9906  
24 Hour Emergency: CHEMTREC® (800) 424-9300

MSDS No.: G5268 - Rev. 2.1 Date: 08/98  
Replaces - Rev. 2.0 07/96  
Reason: Changes to Section 10

### -- SECTION 01 - IDENTIFICATION AND INFORMATION --

Product or Trade Name: ..... ASPHALT RELEASE N-D  
Chemical Name/Synonym: ..... PROPRIETARY BLEND  
Chemical Family: ..... COMPOUND  
Formula: ..... PROPRIETARY  
Product Code: ..... G5268

HMIS

Hazard Rating:

Legend:

Health: ..... 2      0 - Least  
Fire: ..... 0        1 - Slight  
Reactivity: ..... 1    2 - Moderate  
                                 3 - High  
                                 4 - Extreme

Product Description: Alkaline, liquid, soap-type asphalt release agent and cleaning compound

### -- SECTION 02 - PHYSICAL DATA --

Boiling Point: ..... > 210° F  
Vapor Pressure: ..... Not Determined  
Vapor Density: ..... Not Determined  
Appearance: ..... Clear, semi-viscous amber liquid  
pH: ..... 13.2 ± 0.1, as received

Solubility in Water: ..... Complete  
Specific Gravity: ..... 1.05 (H<sub>2</sub>O=1)  
% Volatile by Volume: ..... < 80% (water based)  
Odor: ..... Soapy  
pH working solutions (4%): ..... 10.8 (in distilled water)

### -- SECTION 03 - HAZARDOUS COMPONENTS --

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
* potassium hydroxide	1310-58-3	10 - 20	2 mg/m <sup>3</sup> , Ceiling	2 mg/m <sup>3</sup> , Ceiling
ethanol, 2-(2-Butoxyethoxy)	112-34-5	0 - 10	None Established	None Established
ethylenediamine tetraacetate	64-02-8	0 - 10	None Established	None Established
Inert and/or non-hazardous components	-----	XXX	-----	-----

\* Component hazardous according to OSHA Hazard Communication Standard (29 CFR 1910.1200) or one or more state Right-To-Know lists: (PA, NJ, NY).

### -- SECTION 04 - FIRE AND EXPLOSION HAZARD DATA --

Flash Point: ..... > 220° F (extrapolated from ingredient data - product will not readily support combustion)  
Extinguishing Media: ..... Small Fire: CO<sub>2</sub>, water fog, dry chemical; Large Fire: Alcohol-type or all-purpose-type foam  
Special Fire Fighting Procedures: ..... Use self-contained breathing apparatus; water may be used to cool adjacent containers

### -- SECTION 05 - REACTIVITY DATA --

Stability: ..... Stable.  
Incompatibility: ..... Strong oxidizers.  
Hazardous Decomposition Products: ..... Carbon monoxide may form upon thermal degradation.  
Hazardous Polymerization: ..... Will not occur.

**-- SECTION 06 - SPILL, LEAK, AND DISPOSAL PROCEDURES --**

Small Spills: Absorb with sand or inert material; scoop up and dispose to proper container.  
Large Spills: Prevent spread of spill by dyking. Salvage uncontaminated material if possible. Absorb remainder of spill with inert material; scoop up and dispose to proper container.

ALWAYS DISPOSE OF MATERIAL IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL CODES FOR THAT TYPE OF MATERIAL.

**-- SECTION 07 - HEALTH HAZARD DATA --**

EYE CONTACT: ..... May cause irritation. Severe irritation or chemical burn may occur if not irrigated immediately.  
SKIN CONTACT: ..... Prolonged contact may cause dryness and dry skin irritation.  
INHALATION: ..... No data - situation not normally encountered.  
INGESTION: ..... Not determined – not a likely route of entry.  
EFFECTS OF OVEREXPOSURE: ..... None currently known.  
IARC and NTP ..... NONE of the ingredients in this product are listed by the NTP, IARC, or OSHA as possible carcinogens.

**-- SECTION 08 - FIRST AID --**

EYES: ..... Flush with water for a minimum of 15 minutes (industry safety standard for all materials). Seek medical attention if irritation persists.  
SKIN: ..... Flush with water; wash with soap and water after handling.  
INHALATION: ..... Remove to fresh air.  
INGESTION: ..... DO NOT INDUCE VOMITING – Administer several large glasses of water to drink. Seek medical attention.  
*Never give anything by mouth to an unconscious person.*

**-- SECTION 09 - SPECIAL HANDLING INFORMATION --**

VENTILATION: ..... None normally required; product normally does not produce vapors or mist.  
RESPIRATORY PROTECTION: ..... None normally required; NIOSH approved respirator for mist conditions.  
PROTECTIVE CLOTHING: ..... Chemical resistant gloves when mixing or handling.  
EYE PROTECTION: ..... Tight fitting or chemical workers goggles if splashing is anticipated.

**-- SECTION 10 - REGULATORY AND ADDITIONAL INFORMATION --**

HANDLING AND STORAGE: Do not breathe vapors or mist. Do not allow contact with eyes, or leave in contact with skin for prolonged periods. Wash contaminated clothing prior to re-use. Do not allow contact with oxidizers. Empty Containers: Do not reuse empty containers for storage of foodstuffs or potable water. For returnable drums or drums set aside for reconditioner, empty drums as completely as possible and fit bungs tightly with undamaged closures. D.O.T. regulations forbid transportation of partially filled and unclosed containers.

D.O.T.: Shipping Classification: Compounds, cleaning liquid, n.o.s., (potassium hydroxide), 8, NA1760, PGIII (Emergency Response Guide Info: ERG-154)

TSCA - The ingredients in this material are listed on the TSCA Inventory.

SARA Title III Information (for potassium hydroxide as a component of this material): A) Sections 311/312 - Acute, Reactive; B) Section 313 - Not Listed; C) Section 302 - Not Listed as an Extremely Hazardous Substance.

CERCLA Information (for the potassium hydroxide component): Listed in Table 302.4 of 40 CFR Part 302 as a hazardous substance with NRC RQs of 1000 lbs. Release to land, air or water of ASPHALT RELEASE N-D would be in excess of 1,650 gallons to meet the RQ for reporting.

Abbreviations Used in this Material Safety Data Sheet: < = Less Than; > = Greater Than; N/A = Not Applicable; N/E = Not Established; N/L = Not Listed; N/D = Not Determined; TWA = Time Weighted Average; STEL = Short Term Exposure Limit; PEL = Permissible Exposure Limit; NIOSH = National Institute of Occupational Safety & Health; OSHA = Occupational Safety & Health Administration; ACGIH = American Conference of Government and Industrial Hygienists; NTP = National Toxicology Program; IARC = International Agency for the Registration of Carcinogens; TSCA = Toxic Substance Control Act; SARA = Superfund Amendment Reauthorization Act; RQs = Reportable Quantities; CERCLA = Comprehensive Environmental Response Compensation and Liability Act; NRC = National Response Center; RCRA = Resource Recovery and Conservation Act.

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