

SDS SHEET



SECTION 1

Identification

Product identifier Hydro - Primer

Other means of identification Not Available

Recommended use Not available

Recommended restrictions None known

Manufacturer/Importer/Supplier/Distributor Information

Manufacturer: Hydro-Gard, LLC

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Incident Spill, Leak, Fire,
Exposure, or Accident

CHEMTREC Day or Night
1-800-424-9300 / +1 703-527-3887 CCM825652911

SECTION 2

Hazard (s) Identification

Physical Hazards Flammable liquids - Category 3

Health hazards Specific target organ toxicity, single exposure Category 3 narcotic effects

Environmental hazards Not classified

OSHA defined hazards Not classified

Label elements



Signal word Warning

Hazard statement Flammable liquid and vapor. May cause drowsiness or dizziness

Prevention Keep away from heat/sparks/open flames/hot surfaces. - No smoking, Use only outdoors or in a well-ventilated area. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing mist/vapors/spray. Wash thoroughly after handling.

Response IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get Medical advice/attention. In case of fire: Use appropriate media for extinction.

Storage Store in a well-ventilated place. Keep cool.

Disposal Dispose of contents/container in accordance with local /regional/national/international regulations. See Section 13 of this SDS for disposal instructions.

Hazard(s) not otherwise
classified (HNOC) None known

Supplemental Information None

SECTION 3**Composition / Information on Ingredients****MIXTURES**

Chemical name	Common name and synonyms	CAS number	%
ASPHALT		8052-42-4	40 - 60
PETROLEUM NAPHTHA		8008-20-6	40 - 60

SECTION 4**First - Aid Measures**

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Difficulties, oxygen may be necessary. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical attention, if needed.
Skin contact	For hot product, immediately immerse in or flush the affected area with large amounts of cold water to dissipate heat. For minor skin contact, avoid spreading material on unaffected skin. Wash off with soap and plenty of water. If skin irritation occurs; Get medical advice/attention.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth thoroughly. Call a POISON CENTER or doctor/physician. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
Most important symptoms/effects, acute and delayed	Not available
Indication of immediate medical attention and special treatment needed	In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
General information	IF exposed or concerned: Get medical advice/attention. In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Get medical attention if symptoms occur. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

SECTION 5**Fire - Fighting Measures**

Suitable extinguishing media	Foam, Carbon dioxide (CO2), Water fog, Dry chemical powder.
Unsuitable extinguishing media	Do not use water jet
Specific hazards arising from the chemical	Fire may produce irritating, corrosive and/or toxic gases
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection
Fire-fighting equipment/instruction	In case of fire, and/or explosion do not breathe fumes. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Move containers from fire area if you can do so without risk. Do not get water inside container. Some of these materials, if spilled, may evaporate leaving a flammable residue.
Specific methods	In the event of fire and/or explosion do not breathe fumes.

SECTION 6

Accidental Release Measures

Personal precautions,
protective equipment and
emergency procedures

Keep unnecessary personnel away. Keep upwind. Keep out of low areas. Ventilate closed spaces before entering them. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled materials.

Methods and materials for
containment and cleaning up

Stop the flow of material, if this is without risk. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Never return spills in original containers for re-use.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not contaminate water. If this material is spilled into navigable waters and creates a visible sheen, it is reportable to the National Response Center.

SECTION 7

Handling and Storage

Precautions for safe handling

Avoid heat, sparks, open flames and other ignition sources. Avoid breathing dust/fume/gas/mist/vapors/spray. Wear personal protective equipment. Do not use in areas without adequate ventilation. Avoid prolonged exposure. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Do not empty into drains. Hydrogen sulfide, a very highly toxic gas, may be present with this material. Keep face clear of tank and/or tank car openings.

Conditions for safe storage,
including any incompatibilities

Store in a well-ventilated place. Keep container closed. Keep container dry. Keep away from food, drink and animal feeding stuffs. Keep out of reach of children. Use care in handling/storage.

SECTION 8

Exposure Controls / Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
ASPHALT (CAS 8052-42-4)	TWA	0.5 mg/m3	Inhalable fraction
PETROLEUM NAPHTHA (CAS 8008-20-6)	TWA	200 mg/m3	Non-aerosol

US. Niosh: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
ASPHALT (CAS 8052-42-4)	Ceiling	0.5 mg/m3	Fume
PETROLEUM NAPHTHA (CAS 8008-20-6)	TWA	100 mg/m3	

Biological limit values

No Biological exposure limits noted for the ingredient (s).

Exposure guidelines

US. ACGIH Threshold Limit Values: Skin designation

PETROLEUM NAPHTHA (cas 8008-20-6)

Can be absorbed through the skin.

Appropriate engineering
controls

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Individual protection measures, such as personal protective equipment

Eye/face Protection	Wear safety glasses; chemical goggles (if splashing is possible).
Han protection	Chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves.
Other:	It is a good industrial hygiene practice to minimize skin contact. Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapor contact
Respiratory protection	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Thermal hazards	Not available
General hygiene considerations	When using do not eat, drink or smoke. Avoid contact with eyes. Avoid contact with skin. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 Physical and Chemical Properties

Appearance	Viscous liquid
Physical state	Liquid
Form	Liquid
Color	Brown - black
Odor	Mid Petroleum Odor
Odor threshold	Not available
pH	Not available
Melting point/freezing point	Not available
Initial boiling point and boiling range	275 °F (125 °C)
Flash point	>54.0 °F (> 13.9 °C)
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	0.7% estimated
Flammability limit - upper (%)	5% estimated
Explosive limit - lower (%)	Not available
Explosive limit - upper (%)	Not available
Vapor pressure	Not available
Vapor density	>1
Relative density	Not available
Solubility(ies)	
Solubility (water)	Not available

Partition coefficient (n-octanol/water)	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	50 - 400 cP
Viscosity temperature	77 °F (25 °C)
Other information	
Molecular weight	250 lb/lb-mole estimated
Specific gravity	0.83 - 0.92
VOC (Weight %)	413 g/l

SECTION 10 Stability and Reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport
Chemical stability	Stable at normal conditions
Possibility of hazardous reaction	Hazardous polymerization does not occur
Conditions to avoid	Heat, flames, and sparks
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Irritants, Carbon oxides, Sulphur oxides.

SECTION 11 Toxicological Information

Information on likely routes of exposure Ingestion	May cause discomfort if swallowed, However, ingestion is not likely to be a primary route of occupational exposure.
Inhalation	Vapor have narcotic effect and may cause headache, fatigue, dizziness and nausea
Skin contact	Frequent or prolonged contact may de-fat and dry the skin, leading to discomfort and dermatitis
Eye contact	May be irritating to eyes
Symptoms related to the physical, chemical and toxicological characteristics	Not available
Information on toxicological effects	
Acute toxicity	Not classified
Skin corrosion/irritation	May cause defatting of the skin, but is neither an irritant nor a sensitizer
Serious eye damage/eye irritation	Not classified, May be irritating to eyes
Respiratory or skin sensitization	

Respiratory sensitization	Not available
Skin sensitization	Not a skin sensitizer
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic
Carcinogenicity	None of this product's components are listed by ACGIH, IARC, NOIOSH, NTP or OSHA
US, OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not listed
Reproductive toxicity	Not classified
Specific target organ toxicity - single exposure	Central nervous system
Specific target organ toxicity - repeated exposure	Not available
Aspiration hazard	No classified
Chronic effects	Prolonged exposure may cause chronic effects

SECTION 12 Ecological Information (non-mandatory)

Ecotoxicity	Not expected to be harmful to aquatic organisms
Persistence and degradability	Not available
Bioaccumulative potential	Not available
Mobility in soil	Not available
Other adverse effects	Not available

SECTION 13 Disposal Consideration (non-mandatory)

Disposal Instructions	Dispose of contents/container in accordance with local/regional/nation/international regulations. If discarded, this product is considered a RCRA ignitable waste, D001.
Hazardous waste code	D001: Waste Flammable material with a flash point <140 °F
Waste from residues/unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal

SECTION 14 Transport Information (non-mandatory)

DOT

UN number	UN1999
UN proper shipping name	Tars, liquid including road oils and cut back bitumens
Transport hazard class(es)	
Class	3
Subsidiary risk	-

Label (s)	3
Packing group	II
Special precautions for user	Not available
Special provisions	149,B13, IB2, T3, TP3, TP29
Packaging exceptions	150
Packaging non bulk	202
Packaging bulk	242

IATA

UN number	UN1999
UN proper shipping name	Tars, liquid including road asphalt and oils, bitumen and cut backs
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	II
Environmental hazards	No
ERG Code	3L
Special precautions for user	Not available
Other Information	
Passenger and cargo aircraft	Allowed
Cargo aircraft only	Allowed

IMDG

UN number	UN1999
UN proper shipping name	Tars, Liquid including road oils, and cutback bitumens
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	II
Environmental hazards	
Marine pollutant	No
EmS	F-E, S-E
Special precautions for user	Not available
Transportation in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not available

DOT



**SECTION 15****Regulatory Information (non-mandatory)****US Federal regulations**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 DFR 1910, 1200. CERCLA/SARA Hazardous Substances

- TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not required

- CERCLA Hazardous Substance List (40 CFR 302.4)

Asphalt (CAS 8052-42-4)

- US, OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not Listed

SARA Superfund Amendments and Preauthorization Act of 1986

Hazard categories

Immediate Hazard - Yes

Delayed Hazard - No

Fire Hazard - Yes

Pressure Hazard - No

Reactivity Hazard - No

- SARA 302 Extremely hazardous substance - Not Listed
- SARA 311/312 Hazardous chemical - No
- SARA 313 (TRI reporting) Not regulated

Other federal regulations

Clean Air Act (CAA Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated

Clean Air Act (CAA) Section 112 ® Accidental Release Prevention (40 CFR 68.130)

Not regulated

Safe Drinking Water Act (SDWA) - Not regulated

US state regulations

- US. Massachusetts RTK - Substance List

Asphalt (CAS 8052-42-4)

Petroleum Naphtha (CAS 8008-20-6)

- US. New Jersey Worker and Community Right-to-Know Act

Petroleum Naphtha (CAS 8008-20-6) 10000 LBS

- US. Pennsylvania RTK - Hazardous Substances

Asphalt (CSA 8052-42-4)

Petroleum Naphtha (CAS 8008-20-6)

- US. Rhode Island RTK

Not regulated

- US. California Proposition 65 - CRT: Listed date /Carcinogenic substance

Asphalt (CAS 8052-42-4) Listed: January 1, 1990

International Inventories

Country (s) or region	Inventory name (On Inventory (yes/no) *
Australia	Australian Inventory of Chemical Substances (AICS) YES
Canada	Domestic Substances List (DSL) YES
Canada	Non - Domestic Substances List (NDSL) NO
China	Inventory of Existing Chemical Substances in China (IECSC) YES
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS) YES
Europe	European List of Notified Chemical Substances (ELINCS) NO
Japan	Inventory of Existing and New Chemical Substances (ENCS) NO
Korea	Existing Chemical List (ECL) YES
New Zealand	New Zealand Inventory YES
Phillippines	Phillippines Inventory of Chemicals and Chemical Substances (PICCS) YES
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory YES
*A "YES"	Indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
A "NO"	Indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

SECTION 16

Other Information, Including date of preparation or last revision

Issue date	12-11-2014
Revision date	09-09-2015
Version #	03
References	ACGIH EPA: AQUIRE database nlm: Hazardous Substances Data Base US, IARC Monographs on Occupational Exposures to Chemical Agents HSDB® - Hazardous Substances Data Bank IARC Monographs. Overall Evaluation of Carcinogenicity National Toxicology Program (NTP) Report on Carcinogens ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices
Disclaimer	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific materials or in any process, unless specified in the text.
Revision Information	Physical & Chemical Properties: Multiple Properties

The information and recommendations provided in this Safety Data Sheet are presented in good faith and believed to be correct as of the date

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End of Safety Data Sheet