

TUNNEL WASH #3

EXPRESS WASH

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Tunnel Wash #3 Express Wash

DATE PREPARED: 10/31/2015

SUPERCEDED DATE: 4/9/2018

PRODUCT NUMBER: 503

PRODUCT FAMILY: Alkaline Detergent

MANUFACTURER: Industrial Chemical Solutions

4025 Highway 35 North

Columbia, MS 39429

(601) 522-2997

Information: Product Research and Development Department

Emergency Telephone Number: CHEMTREC 1-800-424-9300 Intl. +1 703-527-3887

2. HAZARD IDENTIFICATION

SIGNAL WORD: DANGER

HAZARD CLASSIFICATION: Corrosive Liquid

POTENTIAL HEALTH EFFECT: Corrosive to skin, eyes and lungs.

ROUTE OF EXPOSURE: Skin contact, eye contact, ingestion, inhalation

GHS HEALTH CLASSIFICATION: Skin Corrosion 1 C; Eye Damage/Irritation 1

GHS LABEL ELEMENTS:

H314 - Causes severe skin burns and eye damage

P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 - IF ON SKIN (or hair): Take off Immediately all contaminated clothing. Rinse SKIN with water [or shower].

P363 - Wash contaminated clothing before reuse.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P260 - Do not breathe dust/fume/gas/mist/vapors/spray.

P264 - Wash exposed skin thoroughly after handling.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P310 - Immediately call a POISON CENTER or doctor/physician.

P391 - Collect spillage.

P501 - Dispose of contents/container in accordance with local/national regulations.

Pictogram



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4025 Hwy 35 North | Columbia, MS 39429

601-522-2997 | chemicals@ichemsol.com

3. COMPOSITION IDENTIFICATION

INGREDIENTS:	C.A.S. NUMBER:	PERCENT:
Potassium Hydroxide	1310-58-3	< 3%
Sodium Metasilicate Pentahydrate	6834-92-0	< 1%
Ethylene glycol monobutyl ether	111-76-2	< 2%
Nonylphenol polyethylene glycol ether	127087-87-0	< 1%
Water	7732-18-5	< 92%

4. FIRST AID MEASURES

SKIN CONTACT: Wash exposed skin thoroughly with soap and water or safety shower. Remove any contaminated clothing. Seek medical attention or advice.

EYE CONTACT: Flush eyes with an eyewash station for several minutes. If irritation occurs seek medical attention.

INGESTION: Flush mouth. Do not induce vomiting. Seek immediate medical assistance.

INHALATION: Move person to fresh air. Give oxygen or artificial respiration as needed. Seek medical assistance.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES: Non-flammable

FLASH POINT: Does NOT flash

SUITABLE EXTINGUISHING MEDIA: Dry chemical, foam or carbon dioxide, water spray

UNSUITABLE EXTINGUISHING MEDIA: Not established

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: Not established

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS: Wear approved self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid contact with eyes and skin. Spill area will be slippery. Wear proper protective equipment when dealing with spills or release.

ENVIRONMENTAL PRECAUTIONS: Contain spill to avoid release to the environment. Keep container closed and located in containment area.

METHODS FOR CONTAINMENT AND CLEAN-UP: Dike and contain spill. Collect liquid with an inert absorbent and transfer to container for reuse or disposal.

7. HANDLING AND STORAGE

HANDLING: Handle with care and avoid contact with skin and eyes. Always wear protective equipment. Wash thoroughly with soap and water after handling.

STORAGE: Avoid release to the environment. Store in approved containers.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

THRESHOLD LIMIT VALUE (TLV): None established

ENGINEERING CONTROLS: Ventilation equipment is required if mist levels are high.

EYE/FACE PROTECTION: Chemical goggles and full face shield

SKIN PROTECTION: Chemical resistant gloves, apron and boots

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid	DECOMPOSITION TEMPERATURE: Not established
VISCOSITY: Not established	PH: 10.5 - 11.5
APPEARANCE: Amber	PARTIAL COEFFICIENT N-OCTANOL/WATER: Not established
RELATIVE DENSITY: 8.9 lbs/gal	EVAPORATION RATE: < 1
SPECIFIC GRAVITY: 1.04	FLASH POINT: 32°F
ODOR: No distinguishable odor	LOWER FLAMMABILITY/EXPLOSIVE LIMIT: None known
SOLUBILITY: Soluble	UPPER FLAMMABLE/EXPLOSIVE LIMIT: None known
BOILING POINT: Not established	AUTO-IGNITION TEMPERATURE: None known
VAPOR PRESSURE: Not established	
VAPOR DENSITY: Not established	
FREEZING POINT: Not established	

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable
CONDITIONS TO AVOID: No unusual conditions
INCOMPATIBLE MATERIALS: Strong alkalines, soft metals; do NOT mix with other chemicals.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and dioxide from thermal decomposition

11. TOXICOLOGY INFORMATION

EYE IRRITATION/CORROSION: Corrosive to eyes and skin
EFFECTS OF SHORT-TERM EXPOSURE: Irritation or burns to eyes, skin and mouth
INGESTION: Will cause burns to mouth, throat and stomach.

12. ECOLOGICAL IDENTIFICATION

ECOTOXICITY: Not established
PERSISTENCE AND DEGRADABILITY: Biodegradable
BIOACCUMULATION/ACCUMULATION: Not established

13. DISPOSAL CONDITIONS

THIS MATERIAL IS A HAZARDOUS WASTE DEFINED BY 40 CFR 261. MATERIALS ARE TO BE DISPOSED OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

14. TRANSPORTATION INFORMATION

GROUND SHIPPING INFORMATION: UN 1814, Potassium hydroxide, solution, 8, III
WATER SHIPPING INFORMATION: UN 1814, Potassium hydroxide, solution, 8, III
AIR SHIPPING INFORMATION: UN 1814, Potassium hydroxide, solution, 8, III

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

TSCA (TOXIC SUBSTANCE CONTROL ACT): All components listed on TSCA inventory.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

313 REPORTABLE INGREDIENTS:	C.A.S. NUMBER:	PERCENT:
Potassium Hydroxide	1310-58-3	< 3%
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Ethylene glycol monobutyl ether	111-76-2	< 2%
Nonylphenol polyethylene glycol ether	127087-87-0	< 1%

STATE REGULATIONS: California Proposition 65 - This product does not contain any chemicals currently listed.

INTERNATIONAL REGULATIONS: Class E Corrosive under Canadian WHMIS

SECTION 15 NOTES: None

16. OTHER INFORMATION

PHONE NUMBER: (601) 522-2997

DATE OF PREPARATION: 10/31/2016

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