**Date: June 15, 2015**

# SAFETY DATA SHEET

## SECT ION 1 - IDENT IF ICAT ION

**Product identifier used on the label:** Smoke House Cleaner

**Other means of Identification:** 104300-04

**Recommended use of the chemical and restrictions on use:** For professional use only.

**Manufacturer/Supplier:**
Pioneer Brite

**Address:**
1381 Heistan Place
Memphis, TN 38104

**Contact**: Carl Shorter Jr.
**Phone**: 800-783-7320
**Fax:** 901-725-7697
**Email:** carl.shorter.jr@pioneerbrite.com

**Customer Website:** www.pioneerbrite.com

**SDS 24hr Service Provider Name:** Infotrac
**SDS 24 Hr Service Provide Phone**: 800-535-5053

## SECT ION 2 - HAZ ARDS IDENT IF ICAT ION

**Classification of the chemical:**

**Skin corrosion/irritation –** Category 1 Sub-category B

**Serious eye damage/eye irritation -** Category 1

**Label elements:**

**Signal Word:**

Danger

**Hazard statement(s):** Causes severe skin burns and eye burns.

**Precautionary statement(s)**
Avoid breathing dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Dispose of contents/container according to local regulations.

**If swallowed:** Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

**If on skin (or hair):** Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation occurs get medical advice/attention.

**If inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison control center or doctor/physician.

**Hazard pictogram(s)**

**Other hazards not otherwise classified:** None determined.

**Unknown Acute Toxicity:** 4.3% of the mixture consists of ingredient(s) of unknown toxicity.

## SECT ION 3 - COMPOSIT ION/INF ORMAT ION ON INGREDIENT S

| Chemical Name, Common Name & Synonyms: | CAS # | Concentration % |
|---|---|---|
| Sodium hydroxide | 1310-73-2 | 15-25 |

**** If the chemical name/CAS # is "proprietary" and/or the weight % is shown as a range, this information had been withheld as a trade secret.**

## SECT ION 4 - F IRST -AID MEASURES

**Description of first aid measures:**

**If swallowed:** Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

**If on skin (or hair):** Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs get medical advice/attention.

**If inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

**Most Important symptoms and effects, both acute and delayed:** Causes severe skin burns and eye damage.

**Indication of any immediate medical attention and special treatment needed:** Treat symptomatically

## SECTION 5 - FIRE-FIGHTING MEASURES

**Extinguishing media:**

***Suitable extinguishing media:*** Carbon dioxide ($CO_2$); Dry chemical; Alcohol-resistant foam; water fog.

***Unsuitable extinguishing media*:** Not determined

**Special hazards arising from the substance or mixture:** Material is corrosive.

**Flammability classification:** Not flammable.

**Hazardous combustion products:** Carbon oxides, other unidentified organic compounds.

**Special protective equipment and precautions for firefighters:**

***Protective equipment for fire-fighters:*** Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

***Special fire-fighting procedures:*** Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from firefighting to enter drains or water courses. Dikes for water control.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** All persons dealing with the clean-up should wear the appropriate chemically protective equipment. Keep people away from the upward of split/leak. Restrict access to area until completion of clean-up. Refer to protective measures listed in sections 7 and 8.

**Methods and material for containment and cleaning up:** Do not allow material to contaminate ground water system. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply. Ventilate the area. Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material. Do not use combustible absorbents, such as sawdust. Pick up and transfer to properly labeled containers. Contaminated absorbent material may pose the same hazards as the spilled product. Contact the proper local authorities.

**Special spill response procedures:** In case of a transportation accident, contact Chemtrec 1-800-424-9300. If a spill/release in the US in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8802).

## SECTION 7 - HANDLING AND STORAGE

**Precautions for safe handling:** Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Do not breathe dust/fumes/gas/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling.

**Conditions for safe storage:** Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep out of the reach of children. Store locked up.

**Incompatible materials:** Acids. Oxidizing agents. Do not mix with other chemicals or cleaners.

## SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

| Exposure Limits: | | | | | |
|---|---|---|---|---|---|
| | ACGIH TLV | | OSHA PEL | | |
| Chemical Name | TWA | STEL | PEL | STEL | Other Exposure Limits |
| Sodium hydroxide 1310-73-2 | Ceiling: 2 mg/m$^3$ | - | Ceiling: 2 mg/m$^3$ | - | IDLH: 10 mg/m$^3$ |

**Exposure controls:**

**Ventilation and engineering measures:** Use only in well-ventilated areas. Apply technical measures to comply

with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation wear suitable respiratory equipment.

**Respiratory protection:** If airborne concentrations are above the permissible exposure limit or arc not known, use NIOSH-approved respirators. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1920.134). Advice should be sought from respiratory protection specialists.

**Skin protection:** Wear protective gloves. Where extensive exposure to product is possible, use resistant coveralls, apron and boots to prevent contact. The suitability for a specific workplace should be discussed with the producers of the protective regimes.

**Eye face protection:** Wear eye/face protection. Wear as appropriate tightly fitting safety goggles; Safety glasses with side-shields.

**Other protective equipment:** Ensure that eyewash stations and safety showers are close to the workstation location. Other equipment may be required on workplace standards.

**General hygiene considerations:** Do not breathe vapors or spray mist. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

## SECT ION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Yellow liquid

**Odor:** Bland

**Odor threshold:** No applicable information available

**pH:** 14 (concentrate) 12.7 (1%)

**Melting/Freezing point:** No applicable information available

**Initial boiling point and boiling range:** 100 ºC / 212 ºF

**Flash point:** None to boiling

**Flashpoint (Method):** No applicable information available

**Evaporation rate (BuAe = 1):** Similar to water

**Flammability (solid, gas):** Not flammable

**Lower flammable limit (% by vol.):** Not Flammable

**Upper flammable limit (% by vol.):** Not Flammable

**Vapor pressure:** No applicable information available

**Vapor density:** No applicable information available

**Relative density:** 1.24

**Solubility in water:** Soluble

**Other solubility(ies):** No applicable information available

**Partition coefficient:** No applicable information available

**Auto ignition temperature:** No applicable information available

**Decomposition temperature:** No applicable information

available **Viscosity:** Similar to water

**Volatile organic Compounds (%VOC's):** None

**Other physical/chemical comments:** No applicable information available

## SECTION 10 - STABILITY AND REACTIVITY

**Reactivity:** Not normally reactive

**Chemical stability:** Stable

**Possibility of hazardous reactions:** No hazardous polymerization

**Conditions to avoid:** Keep out of reach of children. Do not use in areas without adequate ventilation. Avoid contact with incompatible materials.

**Incompatible materials**: Acids. Oxidizing agents. Do not mix with other chemicals or cleaners.

**Hazardous decomposition products:** None known. Refer to 'Hazardous Combustion Products'

## SECT ION 11 - TOXICOLOGICAL INFORMAT ION

**Information on likely routes of exposure:**

**Routes of entry - inhalation:** Avoid breathing vapors or mists.

**Routes of entry - skin & eye:** Avoid contact with skin or eyes.

**Routes of entry - Ingestion:** Do not taste or swallow.

**Potential Health Effects:**

**Signs and symptoms of short term (acute) exposure:**

***Symptoms:*** Please see Section 4 of this SDS for symptoms.

**Potential Chronic Health Effects:**

**Mutagenicity:** Not expected to be mutagenic in humans.

**Carcinogenicity:** No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

**Reproductive effects:** No applicable information available

**Sensitization to material:** No applicable information available

**Specific target organ effects:** No applicable information available

**Medical conditions aggravated by overexposure:** Preexisting skin or eye disorders.

**Toxicological data:**

See the following table for individual ingredient acute toxicity data.

| Chemical name | CAS # | $LD_{50}$ (Oral, rat) | $LD_{50}$ (Dermal. Rabbit) |
|---|---|---|---|
| Water | 7732-18-5 | > 90 mL/kg | - |
| Sodium hydroxide | 1310-73-2 | - | 1350 mg/kg |

*All empty cells no applicable information available

Other important toxicological hazards: None reported.

## SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicity:** May be dangerous for the environment. No data is available on the product itself. Should not be released into the environment.

**Persistence and degradability:** No applicable information available

**Bioaccumulation potential:** No applicable information available.

**Mobility in soil:** No applicable information available.

**Other Adverse Environmental effects:** No applicable information available.

## SECTION 13 - DISPOSAL CONSIDERATIONS

**Handling for disposal:** Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8. Empty containers retain residue (liquid and/or vapor) and can be dangerous.

**Methods of disposal:** Disposal should be in accordance with applicable regional, national and local laws and regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

**RCRA:** If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste UN defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

## SECTION 14 - TRANSPORTATION INFORMATION

**US 49 CFR/DOT information:**

***UN No.:*** UN3266

***UN Proper Shipping Name:*** Corrosive liquid, basic, inorganic, n.o.s. (Sodium hydroxide)

***Transport Hazard Class(es):*** 8

***Packing Group:*** II

***Special Transportation Notes:*** Please see current local and regional

***US CERCLA Reportable quantity (RQ):*** Not regulated

## SECTION 15 - REGULATORY INFORMATION

**TSCA information:** All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.

**European EINECs information:** All ingredients listed appear on the European EINECs inventory.

**Canadian Environmental Protection Act (CEPA) information:** All ingredients listed appear on the Domestic Substances List (DSL).

**US CERCLA Reportable quantity (RQ):**

| Chemical Name | RQ |
|---|---|
| Sodium hydroxide<br>1310-73-2 (15-25) | 1000 lb |

**SARA TITLE iii: Sec. 313, Toxic Chemicals Notification, 40 CFR 372:** Not regulated

**US State Regulations:**

**U.S. State Right-to-Know Regulations:**

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---|---|---|---|
| Sodium hydroxide<br>1310-73-2 (15-25) | x | x | x |

## SECTION 16 - OTHER INFORMATION

| HMIS: | Health Hazards | Flammability | Phsyical Hazards | Personal Protection |
|---|---|---|---|---|
| 3 | 0 | 0 | X | |

**Legend:**
**ACGIH:** American Conference of Governmental Industrial Hygienists
**CAS:** Chemical Abstract Services
**CERCLA:** Comprehensive Environmental Response, Compensation, and Liability Act of 1980
**CFR:** Code of Federal Regulations
**CSA:** Canadian Standards Association **DOT:** Department of Transportation
**ECOTOX:** U.S. EPA Ecotoxicology Database
**EINECS:** European Inventory of Existing Commercial chemical Substances
**EPA:** Environmental Protection Agency
**HSDB:** Hazardous Substances Data Bank
**IARC:** International Agency for Research on Cancer
**IUCLID:** International Uniform Chemical Information Database
**LC:** Lethal Concentration
**LD:** Lethal Dose
**NIOSH:** National Institute of Occupational Safety and Health
**NTP:** National Toxicology Program
**OECD:** Organization for Economic Co operation and Development
**OSHA:** Occupational Safety and Health Administration
**PEL:** Permissible exposure limit
**RCRA:** Resource Conservation and Recovery Act
**RTECS:** Registry of Toxic Effects of Chemical Substances **SARA:** Superfund Amendments and Reauthorization Act
**SDS:** Safety Data Sheet Material Safety Data Sheet
**STEL:** Short Term Exposure Limit
**TOG:** Canadian Transportation of Dangerous Goods Act & Regulations
**TLV:** Threshold Limit Values
**TWA:** Time Weighted Average
**WHMIS:** Workplace Hazardous Materials Identification System

## Prepared By:

## DISCLAIMER

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of this supplier, it is assumed that users of this material have been fully trained accordingly to the mandatory requirements of GHS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of, or reliance on, any information contained within this form.

## END OF DOCUMENT