

# Safety Data Sheet

Punch Off

## SECTION I - IDENTIFICATION

**PRODUCT IDENTIFIER:** Punch Off  
**PRODUCT CODE:** 825000023-20AR  
**RECOMMENDED USE:** Degreaser  
**RESTRICTIONS ON USE:** None Known  
**COMPANY NAME:** Empire Industries  
**COMPANY ADDRESS:** P.O. Box 1404, Brentwood, TN 37024  
**COMPANY PHONE:** 615-969-8106  
**EMERGENCY PHONE:** 800-255-3924

## SECTION II – HAZARDS IDENTIFICATION

**CLASSIFICATION:** Flammable Aerosol: Category 2

Liquefied Gas

Eye Damage: Category 1

Skin Irritant: Category 2

Aspiration Hazard: Category 1

Skin Sensitization: Category 1B

**HAZARD STATEMENT(S): DANGER:** Flammable Aerosol. Contains gas under pressure; May explode if heated. Causes skin irritation and serious eye damage. May be fatal if swallowed and enters airways. May cause an allergic skin reaction.

This product contains the following percentage of chemicals of unknown toxicity: 0%

**PRECAUTIONARY STATEMENTS:** Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50C/122F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear eye/face protection and protective gloves. If on skin: Wash with plenty of soap and water. For specific treatment see First Aid section. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. 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/doctor. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. If swallowed: Immediately call a poison center/doctor. No NOT induce vomiting. Dispose of contents/container in accordance with local, state, and federal law.

**SYMBOL:**



**HAZARDS NOT OTHERWISE CLASSIFIED:** N/A

## SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

| HAZARDOUS INGREDIENT                      | CAS NUMBER  | PERCENT |
|---|-------------|---------|
| Petroleum distillates, hydrotreated light | 64742-47-8  | 15-30%  |
| 4-Nonylphenol branched, ethoxylated       | 127087-87-0 | 10-30%  |
| Propane                                   | 74-98-6     | 3-7%    |
| Butane                                    | 106-97-8    | 1-5%    |
| d-Limonene                                | 5989-27-5   | 1-5%    |

## SECTION IV - FIRST AID MEASURES

**EYES:** 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 or attention.

**INGESTION:** If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.

**INHALATION:** Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.

**SKIN:** Wash thoroughly with soap and water.

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**ACUTE HEALTH HAZARDS:** Eyes: redness, tearing, blurred vision

Oral: abdominal irritation, nausea, vomiting, and diarrhea

**CHRONIC HEALTH HAZARDS:** None Known

**NOTE TO PHYSICIAN:** If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

## SECTION V – FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Carbon dioxide, foam, and water fog or spray.

**UNSUITABLE EXTINGUISHING MEDIA:** N/A

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid contact with skin and breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

**HAZARDOUS COMBUSTION PRODUCTS:** None Known

## SECTION VI – ACCIDENTAL RELEASE MEASURES

**PERSONAL PROTECTIVE EQUIPMENT:** Refer to section VIII for proper Personal Protective Equipment.

**SPILL:** Eliminate all sources of ignition. absorb liquid with non-combustible material like vermiculite, sand or earth and clean up with mop or rag.

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations.

**RCRA STATUS:** Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

## SECTION VII – HANDLING AND STORAGE

**HANDLING AND STORAGE:** Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use.

**OTHER PRECAUTIONS:** Keep out of the reach of children.

**INCOMPATIBILITY:** Some plastics and painted surfaces, pre-test before using. Strong reducing agents.

## SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

| HAZARDOUS INGREDIENT                      | OSHA PEL        | ACGIH TLV       |
|---|-----------------|-----------------|
| Petroleum distillates, hydrotreated light | 400 ppm         | 400 ppm         |
| 4-Nonylphenol branched, ethoxylated       | Not Established | Not Established |
| Propane                                   | 1000 ppm        | 1000 ppm        |
| Butane                                    | 1000 ppm        | 1000 ppm        |
| d-Limonene                                | Not Established | Not Established |

**ENGINEERING CONTROLS / VENTILATION:** General ventilation adequate but local exhaust/ventilation preferred.

**RESPIRATORY PROTECTION:** Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas.

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses

**ADDITIONAL MEASURES:** Wash hands thoroughly after handling.

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear colorless Aerosol

**ODOR:** Citrus-petroleum

**ODOR THRESHOLD:** N/D

**pH:** 10.8-12

**MELTING POINT/FREEZING POINT:** N/D

**INITIAL BOILING POINT AND BOILING RANGE:** N/D

**FLASH POINT:** N/D

**EVAPORATION RATE:** Slow

**FLAMMABILITY(solid/gas):** Flammable Aerosol

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## UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:

**LOWER FLAMMABILITY LIMIT:** N/D  
**UPPER FLAMMABILITY LIMIT:** N/D  
**EXPLOSIVE LIMIT LOWER (%):** N/D  
**EXPLOSIVE LIMIT UPPER (%):** N/D  
**VAPOR PRESSURE (mm Hg):** N/D  
**VAPOR DENSITY (AIR=1):** N/D  
**RELATIVE DENSITY (H<sub>2</sub>O=1):** 0.91-0.98@ 77° F (25° C)  
**SOLUBILITY(IES):** Moderate  
**PARTITION COEFFICIENT: n-OCTANOL/WATER (K<sub>ow</sub>):** N/D  
**AUTOIGNITION TEMPERATURE:** N/D  
**DECOMPOSITION TEMPERATURE:** N/D  
**VISCOSITY:** N/D

## SECTION X – STABILITY AND REACTIVITY

**REACTIVITY:** None Known  
**CHEMICAL STABILITY:** Stable  
**POSSIBLE HAZARDOUS REACTIONS:** None Known  
**CONDITIONS TO AVOID:** Excessive heat. Sources of ignition.  
**INCOMPATIBLE MATERIALS:** Some plastics and painted surfaces, pre-test before using. Strong reducing agents.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** None Known

## SECTION XI – TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** Not Established  
**ROUTES OF ENTRY:** Eyes, Ingestion, Inhalation, Skin  
**EYES:** Causes irritation, redness, tearing, pain, blurred vision.  
**INGESTION:** May cause gastrointestinal irritation, nausea, diarrhea, vomiting.  
**INHALATION:** Causes dizziness.  
**SKIN:** May cause mild irritation, localized defatting, dryness.  
**MEDICAL CONDITION AGGRAVATED:** Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.  
**ACUTE HEALTH HAZARDS:** Eyes: redness, tearing, blurred vision  
Oral: abdominal irritation, nausea, vomiting, and diarrhea  
**CHRONIC HEALTH HAZARDS:** None Known  
**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

## SECTION XII – ECOLOGICAL INFORMATION

**ECOTOXICITY:** Not Established  
**PERSISTENCE AND DEGRADABILITY:** This product is biodegradable.  
**BIOACCUMULATIVE POTENTIAL:** This product is not expected to bioaccumulate.  
**MOBILITY IN SOIL:** This product is mobile in soil.  
**OTHER ADVERSE EFFECTS:** None Known

## SECTION XIII – DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations.  
**RCRA STATUS:** Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

## SECTION XIV - TRANSPORT INFORMATION

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.  
**HAZARD CLASS/DIVISION:** 2.1  
**UN/NA NUMBER:** UN 1950  
**PACKING GROUP:** N/A

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## AIR SHIPMENT

**PROPER SHIPPING NAME:** Aerosols, flammable  
**HAZARD CLASS/DIVISION:** 2.1  
**UN/NA NUMBER:** UN 1950  
**PACKING GROUP:** N/A

## SHIPPING BY WATER:

**VESSEL (IMO/IMDG)**  
**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.  
**HAZARD CLASS/DIVISION:** 2.1  
**UN/NA NUMBER:** UN 1950  
**PACKING GROUP:** N/A  
**ENVIRONMENTAL HAZARDS WATER:** N/A

## SECTION XV - REGULATORY INFORMATION

**TSCA STATUS:** All Chemicals are listed or exempt.  
**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** None  
**SARA 311/312 HAZARD CATEGORIES:** None  
**SARA 313 REPORTABLE INGREDIENTS:** None  
**CLEAN WATER ACT:** None  
**STATE REGULATIONS:** California Proposition 65: None  
**INTERNATIONAL REGULATIONS:** All components are listed or exempted.  
**VOLATILE ORGANIC COMPOUNDS (VOC):** 9.9%

|                           |      |                           |   |
|---------------------------|------|---------------------------|---|
| <b>NFPA HEALTH:</b>       | 1    | <b>HMIS HEALTH:</b>       | 1 |
| <b>NFPA FLAMMABILITY:</b> | 2    | <b>HMIS FLAMMABILITY:</b> | 2 |
| <b>NFPA REACTIVITY:</b>   | 0    | <b>HMIS REACTIVITY:</b>   | 0 |
| <b>NFPA OTHER:</b>        | None | <b>HMIS PROTECTION:</b>   | A |

## SECTION XVI - OTHER INFORMATION

**PREPARATION BY:** Andrew Bach  
**DATE PREPARED:** 3/19/2014  
**REVISION DATE:** 01/03/2020

N/A = Not Applicable; N/D = Not Determined

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