

## SECTION 1 – PRODUCT AND COMPANY INFORMATION

**Manufacturer:** Repellex USA, Inc, - PO Box 396 - Niles, MI 49120  
(877)REPEL-EX – Fax (574)968-3691 - [www.repellex.com](http://www.repellex.com)

**Product Family:** Chemicals

**Product Name:** Repellex® Browseban EC

**Synonyms:** Repellex® Browseban (EPA No. 85493-1)

**Recommended Uses:** Repellent

## SECTION 2 – HAZARD IDENTIFICATION

**Classification:** Not classified as hazardous according to 29 CFR 1910.1200 (2012)

## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	% Wt.
Extractives of capsicum	8023-77-6	0-5
Trade Secret Ingredients*	Mixture	0-100

\*The specific chemical identity will be made immediately available to a treating physician or nurse in an emergency situation or to a health professional under certain non-emergency situations

## SECTION 4 – FIRST AID MEASURES

### Description of first aid measures

**If inhaled:** If breathed in, move person into fresh air. If not breathing, give artificial respiration.

**In case of skin contact:** Wash off with soap and plenty of water.

**In case of eye contact:** Flush eyes with water as a precaution.

**If swallowed:** Never give anything by mouth to an unconscious person. Rinse mouth with water.

**Most important symptoms and effects, both acute and delayed:** None known. Product is not hazardous.

**Indication of any immediate medical attention and special treatment needed:** None known.

## SECTION 5 – FIREFIGHTING MEASURES

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture:** Dusts at sufficient concentrations can form explosive mixtures with air. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

**Advice for firefighters:** Wear self-contained pressure-demand, MSHA/NIOSH approved breathing apparatus and full protective gear.

**Further information:** No data available.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Emergency Action:** Isolate release area and keep unnecessary people away. Stop flow of material if this is without risk. Exercise caution regarding personnel safety and exposure. Avoid dust formation. Avoid breathing dust, vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Released pellets may cause a slipping hazard on solid surfaces. Collect material from release area and place in a secure container. Remove containers from release area.

**Spill/Leak Procedure:** Recovery and reuse rather than disposal, should be the ultimate goal of handling efforts. Use appropriate methods, shovels, brooms, and vacuums to clean up the spill. If mixed with water, or likely to be mixed with any liquid, dike area to contain spill. Reclaim if possible. After all visible traces have been removed, flush area with large amounts of water. If spilled on the ground, contaminated soil should be removed and placed in proper containers for reclamation or disposal. Do not flush material to public sewer or waterway. Decontaminate all tools and equipment following cleanup.

**Disposal:** Contact a licensed professional waste disposal service to dispose of this material.

**Notification:** Any spill or release to navigable water must be reported immediately to the National Response Center (800/424-8802), as required by U.S. federal law.

## SECTION 7 – HANDLING AND STORAGE

**Precautions for safe handling:** Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed.

**Conditions for safe storage, including any incompatibilities:** Keep container tightly closed in a cool, dry and well-ventilated place. Keep in a dry place. Store away from incompatible materials.

**Specific end uses:** Apart from the uses mentioned in Section 1 no other specific uses are stipulated

## SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

**Control parameters:** None established for this product.

**Engineering Controls:** None required.

### Personal Protection

Respiratory Protection: Under ordinary conditions no respiratory protection is required.

Eye Protection: Wear glasses or safety goggles to prevent contact with eyes.

Skin Protection: Use gloves to prevent skin contact.

**Other Protective Equipment:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of use. The type of protective equipment must be selected according to the specific workplace.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

### General Information:

Physical State: Solid

Form: Dry, Granular

Color: Gray

Odor: Odorless

### Important Health, Safety and Environment Info

Boiling Point/Range: N/A

Flash Point: N/A

Auto Ignition Temp: 220°F

Lower Flammability Limit: NA

Upper Flammability Limit: N/A

Vapor Pressure (psi @100°F): N/A

Vapor Density: N/A

Freezing Point/Melting Point: Not Determined

Solubility (Water): N/A

Specific Gravity: N/A

Evaporation Rate: N/A

Viscosity (SSU@ 100°F): N/A

pH: 6.62

### Other Information:

Density: 1.528 g/cm<sup>3</sup>

**Note:** Physical Data is typical values based on material tested, but may vary based on composition. Values should not be accepted as guaranteed for every lot or as specifications for this product.

## SECTION 10 – STABILITY AND REACTIVITY

**Reactivity:** None known.

**Chemical stability:** Stable under recommended storage conditions.

**Possibility of hazardous reactions:** None known.

**Conditions to avoid:** None known.

**Incompatible materials:** Strong oxidizing agents

**Hazardous decomposition products:** None known.

**Hazardous Polymerization:** Will not occur.

**SECTION 11 – TOXICOLOGICAL INFORMATION**

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

**Acute and chronic toxicity:** No information for this mixture.

**Skin corrosion/irritation:** No information for this mixture.

**Inhalation:** No information for this mixture.

**Serious eye damage/eye irritation:** None expected.

**Respiratory or skin sensitization:** No data available.

**Germ cell mutagenicity:** No data available

**Carcinogenicity:** IARC, ACGIH, NTP and OSHA: This product not identified as probable, possible or confirmed human carcinogen.

**Reproductive toxicity:** No data available

**Specific target organ toxicity - single exposure:** No data available

**Specific target organ toxicity - repeated exposure:** No data available

**Aspiration hazard:** No data available.

**SECTION 12 – ECOLOGICAL INFORMATION**

**Ecotoxicity:** No expected to be harmful to the environment.

**Persistence and Biodegradability:** Not Available.

**Bioaccumulative Potential:** Not Available.

**Mobility in Soil:** Not Available.

**SECTION 13 – DISPOSAL CONSIDERATION**

**Product:** Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging:** Dispose of as unused product.

**SECTION 14 – TRANSPORT INFORMATION**

**DOT (US):** Not dangerous goods - **IMDG:** Not dangerous goods - **IATA:** Not dangerous goods

**SECTION 15 – REGULATORY INFORMATION**

**Inventories:** Component is included on the TSCA and DSL chemical inventories.

**Reportable Quantities (RQ):** None

**NFPA Rating:** Health: 0 Fire 0 Reactivity: 0 Special = NDA

**HMIS Rating:** Health: 0 Fire: 0 Reactivity: 0 Protective Equipment – X

**SARA 302 Components:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards:** No SARA – None.

**States:** Product not on state rights to know lists.

**California Prop. 65 Component:** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**SECTION 16 – OTHER INFORMATION**

**Disclaimer:** This SDS summarizes to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Repellex USA, Inc. cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact a company representative using the contact details in Section 1 of this SDS.