

Pan Tabs

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Pan Tabs

Catalog Number: PT-206

Manufactured for: Thermwell Products Co., Inc.
420, Route 17 South
Macwah, NJ 07430

Information Phone No.: 1+201-684-4400

EMERGENCY Phone No.: 1 800.255.3924 Chem-Tel (Chemical Emergencies)

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SECTION 2. HAZARDOUS IDENTIFICATION

GHS Classification:

Skin Irritation Category 1B

Eye Irritation Category 1

Reproductive Toxicity Category 2

Specific Target Organ Toxicity- Single Exposure Category 3

Acute Environmental Toxicity Category 2

Label Elements:



Signal Word Danger!

Hazard Statement(s)

H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H361 Suspected of damaging fertility or the unborn child.
H401 Toxic to aquatic life.

Precautionary Statement(s)

P102 Keep out of reach of children.
P103 Read label before use.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe dust.
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear rubber, nitrile or neoprene protective gloves and clothing, and safety goggles or face shield to protect eyes and face.
P308 + 313 IF exposed or concerned: Get medical advice or attention.
P310 Immediately call a POISON CENTER or doctor.
P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+361+353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P363 Wash contaminated clothing before reuse.
P304 + 340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P403+233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents and container to an appropriate facility in accordance with Federal, State, and local regulations.

Pan Tabs

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	EINECS No.	% or Range	GHS Classification	
Tetradecyl Dimethylbenzyl	139-08-2	205-352-0	10-20	H302: Harmful if swallowed.	Category 4
Ammonium Chloride Dihydrate				H312: Harmful if in contact w/skin. H314: Skin Corrosion H400: Very toxic to aquatic life.	Category 4 Category 1A Category 1
Sodium Sulfate	7757-82-6		30-40	H303: May be harmful if swallowed. H316: Causes mild skin irritation. H320: Cause eye irrit. H335: May cause resp. irritation.	Category 5 Category 3 Category 2B
Urea	57-13-6	200-315-5	10-20	Not Classified.	
Sodium Borate	1330-43-4	215-540-4	30-40	H360: Reproductive May damage Fertility. May Damage unborn.	Category 2

*The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation: Remove to fresh air and make comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion: Rinse mouth. DO NOT INDUCE VOMITING! Never give anything by mouth to an unconscious person. Get medical attention immediately.

Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician, immediately. Wash clothing before reuse.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

4.2. Signs and Symptoms of Exposure:

Inhalation: Dust may cause respiratory irritation.

Ingestion: Swallowing may cause nausea, vomiting and diarrhea.

Skin Contact: Contact with skin can may irritation in sensitive individuals.

Eye Contact: Causes severe irritation to eyes on contact. Left untreated, eye contact with this product may cause burns, blindness or permanent eye damage.

Chronic Exposure: Prolonged contact with skin may cause irritation, drying or dermatitis.

SECTION 5. FIREFIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media:

Use any means suitable for extinguishing surrounding fire.

Special Equipment and Precautions for Fire-Fighters:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode.

Pan Tabs

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Ventilate area of leak or spill. Keep unnecessary and unprotected people away from area of spill. Wear appropriate personal protective equipment and clothing during clean-up.

Methods and Material for Containment and Clean-Up: Uncontaminated product may be recovered and used as directed. Product contaminated with hazardous material should be dealt with on the basis of the hazardous component(s).

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling: Keep in a tightly closed container. Protect from physical damage. Keep this and all chemicals out of the reach of children.

Conditions for Safe Storage, Including any Incompatibilities: Store in a well-ventilated place. Keep container tightly closed. Store locked up. Do not contaminate water, food or feed by storage and disposal. See section 10 for incompatibilities.

Observe all warnings and precautions listed for the product.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Airborne Exposure Limits:

OSHA Permissible Exposure Limit (PEL): Not established

ACGIH Threshold Limit Value (TLV): Not established

Appropriate Engineering Controls:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

Personal Respirators (NIOSH Approved): None suggested for normal use.

Skin Protection: Wear rubber, neoprene, nitrile, Saranex® boots, gloves, lab coat, apron or coveralls, as necessary and appropriate, to prevent skin contact.

Eye Protection: Use chemical safety goggles and/or a full face shield where splashing is possible. A source of running water or other eyewash provisions should be nearby.

Work Hygienic Practices: Use proper industrial hygiene practices to minimize hazardous exposure. Wash hands after handling this material, and before eating, smoking or using the bathroom.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue tablet

Odor: Faint

Odor Threshold: Not established

pH @ 1%: 8.0-9.5

Melting Point (Pour Point): 105 °C

Boiling Point: Not applicable

Flash Point: Not applicable

Evaporation Rate (Water = 1): Not applicable

Flammable Limits: Not applicable

LEL: N/A

UEL: N/A

Vapor pressure (mm Hg): >1

Vapor Density (Air = 1): Not applicable

Relative density: 1.23

Tablet Weight (grams): 2.3

Solubility in water: 100% soluble

Octanol/Water Partition Coefficient: Not available

Autoignition Temperature: Not available

Decomposition Temperature: Not available

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable under ordinary conditions of use and storage.

Possibility of Hazardous Reactions: Will not occur.

Conditions to Avoid: Heat, incompatible materials.

Incompatible Materials: Strong oxidizers, acids.

Hazardous Decomposition Products: May evolve carbon monoxide, carbon dioxide, and other unidentified fragments if this product is involved in a fire.

Pan Tabs

SECTION 11. TOXICOLOGICAL INFORMATION

Potential Health Effects:

Inhalation: Dust may cause respiratory irritation.

Ingestion: Mildly toxic if swallowed. Swallowing may cause nausea, vomiting and diarrhea.

Skin Contact: Contact with skin can may irritation in sensitive individuals.

Eye Contact: Causes severe irritation to eyes on contact. Left untreated, eye contact with this product may cause burns, blindness or permanent eye damage.

Chronic Exposure: Prolonged contact with skin may cause irritation, drying or dermatitis.

Carcinogenic effects: Not classified

Teratogenicity/Reproductive toxicity:

Method: Prenatal Developmental Toxicity Study - OECD Guideline 414

Species: Rat

Dose: 0; 19 (3.3); 36 (6.3); 55 (9.6); 76 (13.3) and 143 (25) mg boric acid (mg B)/kg bw.

Routes of Exposure: Oral feeding study

Results: NOAEL in rats for developmental effects on the foetus including foetal weight loss and minor skeletal variations is 55 mg boric acid/kg bw or 9.6 mg B/kg; equivalent to 64.7 mg disodium tetraborate pentahydrate/kg bw.

Classification: Reproductive Toxicity Category 2 (Hazard statement: H361: Suspected of damaging fertility or the unborn child.)

Method: Occupational studies of evaluating sensitive sperm parameters in highly exposed borate workers. Epidemiological studies evaluating high environmental exposures to boron and developmental effects in humans have been conducted.

Species: Human

Dose: A subset of workers was exposed to 125 mg B/day.

Routes of Exposure: Combined oral ingestion and inhalation

Results: No adverse fertility effects in male workers. Epidemiological studies of human developmental effects have shown an absence of effects in exposed borate workers and populations living in areas with high environmental levels of boron.

Mutagenic effects: Not classified

Numerical Measures of Toxicity:

Tetradecyl Dimethyl Ammonium:	Skin, rabbit: 1 mg/24H
Chloride Dihydrate	Eye rabbit: 1 mg/24H

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: Alkyl C14 Dimethylbenzyl ammonium chloride: No information available.

Aquatic: May cause long-term adverse effects in the aquatic environment.

Persistence and Degradability: No information available

Bioaccumulative Potential: No information available

Mobility in Soil: No information available

Other Adverse Effects: None known

Other: For more information, see "[HANDBOOK OF ENVIRONMENTAL FATE AND EXPOSURE DATA.](#)"

SECTION 13. DISPOSAL CONSIDERATIONS

Do not contaminate water, food or feed by storage and disposal. Dispose of spill-clean up and other wastes in accordance with Federal, State, and local regulations. This material and all associated wastes that cannot be used should be buried in an approved landfill in accordance with governmental regulations or managed in an appropriate and approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations.

Pan Tabs

SECTION 14. TRANSPORTATION INFORMATION

US DOT: None

Proper Shipping Name: Not classified

Hazard Class: none

UN Number: none

UN Proper Shipping Name: none

Transport Hazard Class(s): none

Packing group: none

Environmental Hazards: Not an environmentally Hazardous Substance of a Marine Pollutant ADR/RID Transport Information: Not dangerous for transport under ADR/RID, IMO and IATA/ICAO regulations.

ADR/RID Class: None Allocated

ADR/RID Packing Group: None Allocated

IMDG Hazard Class: None Allocated

IMDG Packing Group: None Allocated

ADNR Class: None Allocated

ADNR Item: None Allocated

IATA Hazard Class: None Allocated

IATA Packing Group: None Allocated

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

IATA Packing Group: None Allocated

SECTION 15. REGULATORY INFORMATION

U.S. EPA:

Comprehensive Environmental Response Compensation and Liability

Act of 1980 (CERCLA) requires notification of the National Response Center of release quantities of Hazardous Substances is not required for this material.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III planning based on reporting is not required for quantities below 250 pounds.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III (for SARA 313). This material is not subject to reporting requirements.

Toxic Substances Control Act (TSCA) Status: The ingredients of this product are on the TSCA inventory.

Poison Schedule: WHMIS: Not applicable

This SDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR.

SECTION 16. OTHER INFORMATION:

Revision Summary: All Sections: New GHS Format

SDS DATE REVISED: 12/22/2015

NFPA/HMIS III Ratings: Health: 2 Flammability: 0 Reactivity: 0
HMIS III®

Health	2
Flamability	0
Physical Hazard	0
Personal Protection	B

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