

Material Safety Data Sheet

1. Identification of the substance/preparation and company/undertaking.

NAME Punch

Synonyms: bacterial products.

Common uses: Biological Base Degreaser

Supplied by: Corporate Chemicals and Equipment
7 Neilson St Tel: 905-682-8888
St.Catharines, ON Fax: 905-682-7299
L2M5V9 Emergency No. (Office hours): 800-661-3259
Emergency No. (24 hours): 905-348-5554

2. Composition/information on ingredients.

Contains:

Concentrated Bacterial Cultures	1-10	CAS	N/A
Water	8-90	CAS	7732-18-5
Ethylene Glycol	>1	CAS	107-21-1
Surfactant	>1	CAS	N/A
Baypure	>1	CAS	N/A
Sodium Xylene Sulfonate	1-3	CAS	1330-72-7
Sodium Lauyl Sulfate	2-5	CAS	151-21-3
Sodium Sesquicarbonate	>1	CAS	533-96-0

<u>Hazardous ingredient / impurity</u>	<u>% Conc.</u>	<u>Classification</u>	<u>Exposure</u>	<u>CAS</u>	<u>EINECS</u>
None					

3. Hazards identification.

Classification:

Bacterial culture non pathogenic, surfactant blend non hazardous.

Irritating to skin, risk of serious damage to eyes.

4. First Aid measures.

Immediate medical attention is required in case of exposure by inhalation, contact with skin or eyes, or if swallowed.

<u>Exposure Route</u>	<u>Symptom</u>	<u>Treatment</u>
Inhalation	Same as exposure to dust	Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete seek medical attention.
Skin Contact	Redness and irritation	Drench the skin with plenty of water. Remove contaminated clothing and wash before reuse. If large areas of the skin is damaged or if irritation persists seek medical attention.
Eye Contact	Irritation	Irrigate thoroughly with water for at least 10 minutes. Obtain medical attention. Do not delay.

Ingestion Irritation of gastrointestinal tract, nausea, diarrhea Wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink. If patient feels unwell seek medical attention.

Immediate Treatment / Antidote: symptomatic treatment

Delayed Effects: bacterial infection

5. Fire Fighting measures.

Suitable Extinguishers: water

Unsuitable Extinguishers:

Hazardous Combustion Products: none in normal use. Fire creates fumes including carbon dioxide and sulphur dioxide.

Special Equipment for Fire Fighting: self contained breathing apparatus

6. Accidental Release measures.

Personal Precautions: Wear appropriate PPE - See section 8

Environmental Precautions: The bacteria and carriers are naturally occurring and should not pose an environmental risk.

Clean up Procedure: Vacuum or sweep up avoiding generation of mist. Place in suitable labelled containers and hold for waste disposal. Wash spill site with water. If bacterial contamination is an issue use chlorine to kill the bacillus spores.

7. Handling & Storage.

Handling **Ventilation:** Good general ventilation.

Recommended procedures & equipment: avoid creating mist

Storage **Temperature range:** 0 deg C to 40 deg C for product viability only.

Humidity range: all.

Keep away from: See section 10

Suitable storage Media: original container with closed lid

Precautions against static discharge: recommended.

8. Exposure Controls/personal protection.

Exposure standards:

Component	LTEL (8h TWA)	STEL (15 mins)	Type
None			

Personal Protective Equipment:

Respiratory: Dust mask

Hand: Wash hands after use. Gloves recommended

Eye: Safety glasses or goggles recommended.

Skin: Wash after exposure. Overalls and boots recommended

Environmental controls: Users should be aware of environmental considerations and their duties under the environmental protection act.

Mobility: disperses in water

Degradability: contents are biodegradable

Bioaccumulative potential: Not Likely

Aquatic Toxicity: Not Known

13. Disposal considerations.

Substance: Via an authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

Container: As substance.

14. Transport Information. Not regulated for transport

UN number	Class
Primary Hazard	Subsidiary Hazard
Packing Group	Emergency Action Code
H.I. Number	Marine Pollutant
Proper Shipping name	Water treatment compounds, bacterial culture.

15. Regulatory Information.

Label Name Punch Degreaser
Symbols no risk or safety phrases stipulated
Risk Phrases no risk or safety phrases stipulated
Safety Phrases no risk or safety phrases stipulated
E.C. No

Additional labeling:

Use of this material may be governed by the following regulations:- (users are advised to consult these regulations for further information).

The information contained in this data sheet does not constitute an assessment of workplace risks.

16. Other Information.

This material must not be used for direct contact with food:

Other: The product has been shown to be free of Salmonella and Shigella using the procedures outlined by AOAC and USDA.

Preparation Date: November 16/2009

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