



SAFETY DATA SHEET

Issuing Date No data available

Revision Date 1-June 2015

Revision Number 0

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

GHS product identifier

Product Name EXTRACTION PLUS

Other means of identification

Product Code(s) 125010

Synonyms N/A

Recommended use of the chemical and restrictions on use

Recommended Use Carpet Shampoo

Uses advised against No Information Available

Supplier's details

Supplier Address

Birsch Industries
476 Viking Drive
Virginia Beach, VA. 23452
TEL: 757-622-0355

Emergency telephone number

Emergency Telephone Number CHEM-TEL, INC.
24 Hour Emergency Contact 1-800-255-3924

2. HAZARDS IDENTIFICATION

Classification

SKIN CORROSION/IRRITATION – Category 2

EYE DAMAGE/IRRITATION – Category 2A

ACUTE TOXICITY: ORAL – Category 4

GHS Label elements, including precautionary statements

Emergency Overview

Signal Word WARNING

Hazard Statements

- Causes skin irritation
- Causes serious eye irritation
- Harmful if swallowed

Appearance Pink-Purple**Physical State** Liquid**Odor** Slight Cherry Odor**Symbol:****Precautionary Statements****Prevention**

Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves. Wear eye/face protection.

Ingestion

IF SWALLOWED, Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

Skin

IF ON SKIN, wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash before reuse.

Eyes

IF IN EYES, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists, get medical attention.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms

Chemical Name	CAS-No	Weight %	Notes
2-Butoxyethanol	111-76-2	10 – 20	*
2-Methylpentane-2, 4-Diol	107-41-5	1 – 5	*
Sodium Edetate Tetrasodium Salt	64-02-8	1 – 5	*
Tetrapotassium Pyrophosphate	7722-88-5	< 2	*
Sodium Metasilicate	6834-92-0	< 2	*

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

4. FIRST AID MEASURES

Description of necessary first-aid measures**Eye Contact**

Immediately flush eyes with plenty of water, occasionally lifting upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. If irritation persists, get medical attention.

Skin Contact

Flush contaminated skin with plenty of water. Continue to rinse for at least 20 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation

Remove to fresh air. If symptoms persist, call a physician.

Ingestion

Wash mouth out with water. Give small quantities of water to drink, if conscious. Do NOT induce vomiting unless directed to do so by medical personnel. Call a POISON CENTER or doctor/physician if you feel unwell.

Indication of immediate medical attention and special treatment needed, if necessary**Notes to Physician**

Causes serious eye irritation. Causes mild skin irritation. Harmful if swallowed. Irritating to mouth, throat and stomach.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific Hazards Arising from the Chemical

No information available

Hazardous Thermal Decomposition Products

Will not occur.

Specific Fire-Fighting Methods

No information available

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions

No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing mists or vapors. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Environmental Precautions

Environmental Precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution.

Methods and materials for containment and cleaning up

Methods for Cleaning Up

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements, or confined areas. Contain and collect spillage with non-combustible, absorbent material and place in container for disposal according to local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling

Use appropriate personal protective equipment. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep tightly closed when not used. Do not reuse container. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking or smoking.

Conditions for safe storage, including any incompatibilities

Storage

Store in original container away from direct sunlight in a dry, cool, well ventilated area. Keep container closed and sealed until ready for use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

General protective and hygienic measures

No information available.

Appropriate engineering controls

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual protection measures, such as personal protective equipment

Eye & Face Protection	Chemical splash goggles should be used when a risk assessment indicates that it's necessary to avoid exposure to liquid splashes, mists, gases or dusts, unless the assessment indicates a higher degree of protection.
Hand & Skin Protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Personal protective equipment for the body should be selected based on the task being performed and the risks involved.
Respiratory Protection	Ensure adequate ventilation, especially in confined areas. Use a properly fitted, air-purifying or supplied air respirator complying with an approved standard if necessary.
Hygiene Measures	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking or using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical State	Liquid	Appearance	Yellow
Odor	Lemon Scent	Odor Threshold	No information available

Property	Values
pH	11.5 – 12.5
Melting Point/Range	No data available
Boiling Point/Boiling Range	100° C
Flash Point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Flammability Limits in Air	
upper flammability limit	No data available
lower flammability limit	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Relative Density	No data available
Specific Gravity	1.06
Water Solubility	100
Solubility in other solvents	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available
Flammable Properties	No data available
Explosive Properties	No data available
Oxidizing Properties	No data available

10. STABILITY AND REACTIVITY**Stability**

The product is stable

Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid

No information available

Incompatible materials

Do not mix with any other chemicals.

Hazardous decomposition products

No information available

11. TOXICOLOGICAL INFORMATION**Route of Exposure**

Skin contact, Eye contact, Inhalation, Ingestion

Eye Contact

Causes eye irritation.

Skin Contact

Causes skin irritation

Inhalation

Avoid breathing vapors or mists.

Ingestion

Irritating to mouth, throat and stomach

Chronic Toxicity**Carcinogenicity**

No known significant effects or critical hazards.

Mutagenicity

No known significant effects or critical hazards.

Teratogenicity

No known significant effects or critical hazards.

Developmental Effects

No known significant effects or critical hazards.

Fertility Effects

No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION**Behavior in Environmental Systems**

No further relevant information available

Additional Ecological Information

No further relevant information available

13. DISPOSAL CONSIDERATIONS**Waste Disposal Methods**

Mop up or otherwise absorb and hold for disposal. Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION**DOT**

Not Regulated

15. REGULATORY INFORMATION**International Inventories****TSCA**

Complies

DSL

Complies

U.S. Federal Regulations

This product is a U.S. EPA registered pesticide.

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories: Acute Health

Chronic Health

SARA 302 Extremely Hazardous Substance: No

SARA 311/312 Hazardous Chemical: No

SARA 313: 2-Butoxyethanol (111-76-2) [RQ(lbs): None]

Clean Air Act (CAA)

Section 112 Hazardous Air Pollutants List: Not Regulated

Section 112r Accidental Release Prevention: Not Regulated

CERCLA (40 CFR 302.4)

Not Listed

US OSHA Specifically Regulated Substance (29 CFR 1910.1001-1050)

Not Listed

Safe Water Drinking Act (SDWA)

Not Regulated

California Proposition 65

Not Listed

U.S. State Right-To-Know Regulations

<u>Chemical Name</u>	<u>Massachusetts</u>	<u>New Jersey</u>	<u>Pennsylvania</u>	<u>Rhode Island</u>
2-Methylpentane-2, 4-Diol (107-41-5)	X	X	X	

16. OTHER INFORMATION

NFPA **Health 2** **Flammability 0** **Instability 0**

Prepared By

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Revision Note

N/A

General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet