

# SAFETY DATA SHEET

## PowerGel Clean, Scuff and Polish

This document complies with the European Regulation (EC) No. 1907/2006 (REACH), Annex II

Issue Number: 2  
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### SECTION 1 – IDENTIFICATION OF THE SUBSTANCE AND MANUFACTURER

**1.1 Product Identifier**  
Product Code PowerGel Scuff, PowerGel Polish, PowerGel Clean  
SDS# MTVPGC16, MTVPGP16, MTVPGS16  
SDS Date MTVPG2015v2  
8/12/2016

**1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against**  
Product Use Oil and dirt removal from bowling balls  
Uses Advised Against Usage in enclosed spaces or with poor ventilation

**1.3 Details of the Supplier of the Substance or Mixture**  
Manufacturer/Preparer Motiv Bowling  
18570 Trimble Court  
Spring Lake, MI 49456

**1.4 Emergency Telephone Number**  
Emergency Spill Information ChemTrec: U.S.A.: 800-424-9300  
International: +1-703-527-3887  
Other Product Information 1-800-235-8324

### SECTION 2 – HAZARDS IDENTIFICATION / EXPOSURE LIMITS

#### 2.1 Classification of the Substance or Mixture

##### CLP/GHS Classification (1272/2008)

Physical:	Health:	Environmental
None	Skin Irritant Eye Irritant	Limited Quantity

#### 2.2 GHS Required Label Elements

Pictograms	Hazard Statements	Category
No Pictogram Required No Pictogram Required	WARNING: Causes mild skin irritation (H316) WARNING: Causes eye irritation (H320)	Category 3 Category 2B

##### Precautionary Phrases

P102	Keep out of the reach of children.
P103	Read label before use.
P261	Avoid breathing of vapors.
P262	Do not get in eyes, on skin, or on clothing.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.

#### 2.3 Other Hazards:

None

## 2.4 Other Classifications

<b>HEALTH:</b>	<b>1</b>
<b>FLAMMABILITY:</b>	<b>0</b>
<b>PHYSICAL HAZARD:</b>	<b>0</b>
<b>PERSONAL PROTECTION:</b>	<b>B</b>

EU Classification (67/548/EEC): Xi R36, R38

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substances

Chemical Name	CAS Number / EINICS Number / REACH Reg. Number	% (wt)	EU Classification (67/548/EEC)*	CLP/GHS Classification (1272/2008)
d-Limonene	5989-27-5 227-813-5	<4%	Xi, N R10, R38, R43, R50/53	Flammable Liquid Category 3 (H226) Skin Irritant Category 2 (H315) Aquatic Acute Toxicity Category 1 (H410)
Proprietary pH Modifier	Proprietary	<0.5%	C, Xi, R34, R37	Skin Corrosion Category 1 Eye Damage Category 1 STOT SE 3
Proprietary Surfactants	Proprietary	<20%		
Proprietary Emulsifiers	Proprietary	<20%		
Proprietary Particulates	Proprietary	<25%		
Water	7732-18-5 7732-18-5	>65%		

\* Risk phrases for components are not always relevant to this product

## SECTION 4 – FIRST AID MEASURES

### 4.1 Description of Necessary First Aid Measures

**After eye contact:** Immediately flush eyes with eyewash solution or water (for 10 minutes). See an oculist.  
**After skin contact:** Rinse with running water and soap. Apply oil replenishing cream.  
**After inhalation:** Seek medical advice if significant amounts of dust inhaled.  
**After ingestion:** Rinse mouth and throat. Drink 1-2 glasses of water if conscious. Seek medical advice.

### 4.2 Most important symptoms and effects, both acute and delayed.

Drying of skin from contact potentially causing skin irritation. No history of other effects.

### 4.3 Indication of any immediate medical attention and special treatment needed

None known. If any unusual symptoms appear, seek medical advice.

## SECTION 5 – FIRE-FIGHTING MEASURES

### 5.1 Extinguishing Media

Not applicable, material will not burn.

### 5.2 Special hazards arising from the substance or mixture

None known.

### 5.3 Advice for firefighters

No particular or special measures required.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

- Avoid contact with skin and eyes, do not breath dust.
- Danger of slipping on spilled product.
- Wear gloves to avoid skin contact. Wear goggles if potential splashing while cleaning up.

### 6.2 Environmental precautions

- Material in normal packages does not pose environmental issue.

### 6.3 Methods and materials for containment and cleaning up

- Allow to dry and sweep up. Use caution if walking in or near as material may create slippery areas.

### 6.4 Reference to other sections

- Section 8

## SECTION 7 – HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Do not get in eyes, on skin, or on clothing. Be aware of slippery nature of material on floor. Do not breathe dust or vapors. Keep container closed. Promptly clean up spills to avoid slipping. Wash hands thoroughly after handling product.

### 7.2 Conditions for safe storage, including any incompatibilities

Store at temperatures below 70°F (21°C) in a cool, dry area away from sources of ignition or excessive heat. Keep away from reactive materials such as acids or ammonia. Storage containers should not be made from aluminum. Keep container tightly closed and in a well ventilated place.

### 7.3 Specific end use(s)

Degreasing, cleaning, and surface adjustment of bowling ball surfaces.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control Parameters

Chemical Name	US OEL	EU IOEL	UK OEL	Germany OEL
d-Limonene	None Established	None Established	None Established	5 ppm TWA 20ppm STEL

Refer to local or national authority for exposure limits not listed above.

Chemical Name	Biological Limit Value
d-Limonene	None Established

### 8.2 Exposure Controls

**ENGINEERING CONTROLS:** Use only with adequate ventilation. Keep containers closed. Eye wash station or similar equipment should be available during use. Warn potential by passers of slippery nature of the product using sign or fencing. Eliminate all possible sources of ignition.

**RESPIRATORY PROTECTION:** Use a NIOSH-approved dust respirator where dust occurs. Keep adequate ventilation and air circulation during usage.

**SKIN PROTECTION:** Avoid skin contact. People with allergies or preexisting skin conditions should avoid contact with this product. Wear adequate body and extremity protective clothing during potential excessive contact.

**EYE PROTECTION:** Avoid eye contact. Wear chemical goggles.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

## 9.1 Information on basic Physical and Chemical Properties

Appearance:	White, slightly viscous, batter-like, pourable emulsion.
Odor:	Terpene, citrus odor
Odor Threshold:	Not determined
pH:	7.5
Boiling Point:	<100°C
Flash Point:	>61°C (141°F)
Explosive properties:	Unknown
Oxidizing properties:	none
Vapor pressure:	> water
Relative density:	< water
Solubility in water:	miscible
Partition coefficient:	Unknown
Vapor density:	< air
Evaporation rate:	> water
Color:	White

## 9.2 Other information

Mean Corrositex® Time: Unknown, non-corrosive

## SECTION 10 – STABILITY AND REACTIVITY

### 10.1 Reactivity

This material is not reactive under normal conditions.

### 10.2 Chemical Stability

Stable

### 10.3 Possibility of Hazardous Reactions

None known

### 10.4 Conditions to Avoid

Avoid temperatures over 120°F (46°C).

### 10.5 Incompatible Materials

Strong oxidizing agents and acidic agents. Polymerization catalysts such as aluminum chloride and acidic clays.

### 10.6 Hazardous Decomposition Products

Smoke may be acid and fume irritating. Burning generates CO, CO<sub>2</sub> and smoke.

## SECTION 11 – TOXICOLOGICAL INFORMATION

### 11.1 Information on Toxicological Effects

#### Potential Health Effects:

**Eye Contact:** May cause mild eye irritation. Ocular irritation test performed and results list product as a Mild Irritant.

**Skin Contact:** May cause slight irritation in some individuals. Dermal irritation test performed and results list product as a Non-irritant.

**Inhalation:** May cause slight irritation in some individuals.

**Ingestion:** Slight irritation to gastrointestinal tract possible. The acute oral toxicity of this product has not been tested.

**Acute Toxicity:** A minor component of this product was tested at LD<sub>50</sub> > 5g/kg, rat. Long-term exposure limit (8-hour TWA) for cyclohexene is 300ppm or 1020mg/m<sup>3</sup>. Cyclohexene (CAS: 110-83-8) is believed to be similar to Terpene

Hydrocarbons used in producing this product. No exposure listings were posted for CAS: 5989-27-5 in Table 2 of HSE book EH40/2002 Occupational Exposure Limits for 2002

d-Limonene: LD50 oral rat 3600 mg/kg; LC50 dermal rabbit 5000 mg/kg

**Sub-Chronic Data:** This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be “probable” or “suspected” human carcinogens.

## SECTION 12 – ECOLOGICAL INFORMATION

### 12.1 Toxicity

- none known, especially in such limited amounts as consumer usage.

### 12.2 Persistence and degradability

All surfactants contained in this product meet the requirements of the EU Detergent Directive 2005/2004/648/EC. This requires all surfactants to break down both quickly and completely into harmless material such as CO<sub>2</sub> and water.

### 12.3 Bioaccumulative potential

- none known

### 12.4 Mobility in soil

- expected low to nil

### 12.5 Results of PBT (persistent, bioaccumulative and toxic) and/or vPvB (very persistent and very bioaccumulative) assessment.

- no data to suggest PBT or vPvB risk.

### 12.6 Other adverse effects

- Components of this product are generally considered to become chemically inert or biodegradable in the environment. Used material, which has become contaminated, may have significantly different characteristics based on the contaminant and should be evaluated accordingly.

## SECTION 13 - DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

- Landfill solids in accordance with federal, state and local regulations.

### 13.2 Classification

- Dried waste is not hazardous as defined by RCRA (40 CFR 261). Other state and local regulations may vary. Consult local agencies as needed. . Used material, which has become contaminated, may have significantly different characteristics based on the contaminant and should be evaluated accordingly.

## SECTION 14 – TRANSPORT INFORMATION

### 14.1 UN Number

Not Applicable

### 14.2 UN Proper Shipping Name

Water-base Cleaning, Scouring or Washing Compound

### 14.3 Transport hazard class(es)

Not hazardous

### 14.4 Packing Group

not applicable

### 14.5 Environmental hazards

None relative to the amounts involved

### 14.6 Special precautions for user

Keep bottles sealed.

### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and IBC Code

Not applicable

### 14.8 Additional Information

IMDG Packaging Instruction(s):

Normal Regulations

IMDG Emergency Schedule:

3-07

IMDG Limited Quantity:

Not Applicable

IMDG Special Labeling:

None known

## SECTION 15 – REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulation specific for the substance or mixture

<b>EEC (EINECS) No:</b>	Mixture / Not Listed
<b>TSCA (Toxic Substances Control Act of 1976, USA)</b>	All substances are TSCA listed.
<b>EPCRA (Emergency Planning and Right to Know Act, USA, 40 CFR 372.45:</b>	This product does not contain substances that are subject to the reporting requirements of section 313 Title III SARA of 1986 and 40 CRF part 372.
<b>California Proposition 65 (Chemicals known to cause cancer or reproductive toxicity, Sept. 2, 2011 revision, USA):</b>	This product does not contain any of the listed substances.
<b>RoHS:</b>	This product does not contain any lead, cadmium, mercury, chromium, PBB's, or PBDE's, and complies with European RoHS regulations.
<b>Approved Code of Practice:</b>	The Control of Substances Hazardous to Health.
<b>WHMIS Ingredient List:</b>	Listed Ingredient: Terpene (d-Limonene)

### 15.2 Chemical safety assessment

This mixture has been evaluated by the manufacturer and engineering staff to be a consumer friendly and effective product for the removal of oil and dirt from bowling ball surfaces. Historical use of this product and similar versions, indicate that there are very minimal, if any, risks to health and the environment when properly used.

## SECTION 16 – OTHER INFORMATION

<b>Prepared by:</b>	Scott Wilbur
<b>Date Issued/Revised:</b>	<b>04/28/2015</b>
<b>Sources of key data:</b>	<a href="http://www.unece.org/fileadmin/DAM/trans/danger/publi/ghs/ghs_rev02">http://www.unece.org/fileadmin/DAM/trans/danger/publi/ghs/ghs_rev02</a> <a href="http://echa.europa.eu/information-on-chemicals">http://echa.europa.eu/information-on-chemicals</a> OEHHA Proposition 65 Website CHIP3 and OSHA-HCS Approved Code of Practice Carriage of Dangerous Goods by Road (CD-ROM) IMDG Code on CD-ROM Version 5.1 (2001) Proprietary Raw Material Supplier MSDS Approved Supply List (Seventh Edition)

#### R-phrases used in this SDS:

R10:	Flammable.
R34:	Causes burns.
R36:	Irritating to eyes.
R37:	Irritating to respiratory system.
R38:	Irritating to skin.
R43:	May cause sensitization by skin contact.
R50/53:	Very harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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