SAFETY DATA SHEET
Safety Two

Printed: 07/07/2015
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1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: SURFAC-002-BULK

Product Name: Safety Two

Company Name: SnagWolf, Inc.
P. O. Box 763
Roseville, CA 95678

Phone Number:
+1 (916) 246-8200

Emergency Contact: +1 (800) 535-5053

Intended Use: Not intended for consumer use. For sale to, use and storage by service professionals only.

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Health	Environmental	Physical
Serious Eye Damage/Eye Irritation, Category 2A **Specific Target Organ Toxicity (single exposure), Category 3** **Skin Corrosion/Irritation, Category 3**		**Flammable Liquids, Category 2**

GHS LABEL:

Symbols:

Signal Word: Danger!

Hazard Phrases
Highly flammable liquid and vapor.
Harmful if swallowed.
Causes serious eye irritation.
Causes skin irritation.
May cause respiratory irritation.
May cause drowsiness or dizziness.

Precaution Phrases
Keep out of reach of children.
Read label before use.
Keep away from heat/sparks/open flame. – No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/…/equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Wash hands thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.
Keep cool.

Response Phrases
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with plenty of water for 15 minutes. Get immediate medical advice/attention.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get immediate medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get immediate medical advice/attention.

Storage and Disposal Phrases
Store container tightly closed in well-ventilated place.
Store locked up.
Dispose of contents/container in accordance to local, state and federal regulations.

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.

Potential Health Effects (Acute and Chronic): Chronic: Prolonged or repeated skin contact may cause defatting and dermatitis. High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis and loss of consciousness).

Inhalation: May cause respiratory irritation. Inhalation of vapors may cause drowsiness and dizziness. May cause narcotic effects in high concentration.

Skin Contact: Eye Contact: Ingestion: May cause irritation with pain and stinging, especially if the skin is abraded. May cause eye irritation. May cause burning of eyes and flow of tears.
Causes gastrointestinal irritation with nausea, vomiting and diarrhea. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, drowsiness, and nausea. Aspiration of material into the lungs may cause chemical pneumonitis, which may be fatal.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentrations
67-63-0	Isopropyl Alcohol	Proprietary Info
5989-27-5	d-Limonene	
872-50-4	N-Methyl-2-pyrrolidone	
NA	Surfactant	
64741-65-7	Alkylation naphtha, heavy	

4. FIRST AID MEASURES

Emergency and First Aid Procedures:

In Case of Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. Do NOT use mouth-to-mouth resuscitation. Get medical aid immediately.

In Case of Skin Contact: In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical aid if irritation develops and persists.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical aid immediately.

In Case of Ingestion: Potential for aspiration if swallowed. Never give anything by mouth to an unconscious person. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs naturally, have victim lean forward. Get medical aid immediately.

Note to Physician: Show this safety data sheet to the doctor in attendance. Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

Flash Pt: No data.

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: NA

Suitable Extinguishing Media: For large fires, use dry chemical, carbon dioxide, alcohol-resistant foam, or water spray. For small fires, use carbon dioxide, dry chemical, dry sand, or alcohol-resistant foam.

Unsuitable Extinguishing Media: Do NOT use straight streams of water.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapors may form explosive mixtures with air. Flammable liquid and vapor. Cool containers with flooding quantities of water until well after fire is out. Vapors are heavier than air and may travel to a source of ignition and flash back.

Flammable Properties and Hazards: EXTREMELY FLAMMABLE. High temperatures and fires may produce toxic: Carbon monoxide, Vapors can travel to a source of ignition and flash back. Container explosion may occur under fire conditions.

Hazardous Combustion Products: No data available.

6. ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures: Use proper personal protective equipment as indicated in Section 8.

Environmental Precautions: Do not let product enter drains, sewers, watersheds or water systems.

Steps To Be Taken In Case Material Is Released Or Spilled: Provide ventilation. Remove all sources of ignition. A vapor suppressing foam may be used to reduce vapors. Use water spray to dilute spill to a non-flammable mixture. Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Use a spark-proof tool.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling: Avoid contact with eyes, skin, and clothing. Avoid breathing dust, mist, or vapor. Use only with adequate ventilation. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Take precautionary measures against static discharges. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Do not allow to evaporate to near dryness.

Precautions To Be Taken in Storing: Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from heat, sparks and flame. Keep from contact with oxidizing materials. Do not store in direct sunlight. Store in a tightly closed container. Flammables-area. Protect containers against damage. Keep container closed when not in use.

Other Precautions: Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Handle in accordance with good industrial hygiene and safety practice. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
67-63-0	Isopropyl Alcohol	PEL: 400 ppm	TLV: 200 ppm STEL: 400 ppm	No data.
5989-27-5	d-Limonene	No data.	No data.	No data.
872-50-4	N-Methyl-2-pyrrolidone	No data.	No data.	No data.
NA	Surfactant	No data.	No data.	No data.
64741-65-7	Alkylation naphtha, heavy	No data.	No data.	No data.

Respiratory Equipment (Specify Type):Eye Avoid breathing vapors or mists. If airborne concentrations pose a health hazard or become irritating, use a NIOSH/MSHA-approved respirator, in the positive pressure mode.

Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Protective Gloves: Wear appropriate gloves to prevent skin exposure. Rubber or neoprene gloves. Wear

Other Protective Clothing: appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States: [ ] Gas [X] Liquid [ ] Solid

Appearance and Odor: Orange. Transparent.

pH: NA

Melting Point: NA

Boiling Point: No data.

Flash Pt: No data.

Evaporation Rate: NA

Flammability (solid, gas): No data available.

Explosive Limits: LEL: No data. UEL: No data.

Vapor Pressure (vs. Air or mm Hg): NA

Vapor Density (vs. Air = 1): NA

Specific Gravity (Water = 1): 0.947 - 0.967

Density: NA

Solubility in Water: NA

Saturated Vapor Concentration: NA

Octanol/Water Partition Coefficient: No data.

Percent Volatile: 100.0 % by weight.

Autoignition Pt: NA

Decomposition Temperature: No data.

Viscosity: NA

10. STABILITY AND REACTIVITY

Stability: Unstable [ ] Stable [X]

Conditions To Avoid - Instability: Ignition sources, Excess heat, flames and sparks.

Incompatibility - Materials To Avoid: Strong oxidizing agents, Strong acids, Strong bases, Amines, ammonia, ethylene oxide, isocyanates, acetaldehyde, chlorine, phosgene.

Hazardous Decomposition or Byproducts: High temperatures and fires may produce toxic: Carbon monoxide, Carbon dioxide.

Possibility of Hazardous Reactions: Will occur [ ] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: No data available.

11. TOXICOLOGICAL INFORMATION

Toxicological Information:
Epidemiology: No information available.
Teratogenicity: No information available.
Reproductive Effects: No data available.
Mutagenicity: No information available.
Neurotoxicity: No data available.

Irritation or Corrosion:
CAS# 64741-65-7: Alkylation naphtha, heavy: Acute toxicity, LD50, Oral, Rat, > 8000. MG/KG.
Acute toxicity, LD50, Inhalation, Rat, > 5900. MG/M3, 4 H.
Acute toxicity, LD50, Dermal, Rabbit, > 4000. MG/KG.Other Studies: CAS# 5989-27-5:
Acute toxicity, LD50, Oral, Rat, 4400 mg/kg
Acute toxicity, LD50, Skin, Rabbit, 5gm/kg

Other Studies: CAS# 67-63-0:
Acute toxicity, LD50, Oral, Rat, 5045 mg/kg

Other Studies: CAS# 67-63-0:
Standard Draize Test, Skin, Species: Rabbit, 500 mg
Standard Draize Test, Eyes, Species: Rabbit, 100 mg, 24H

Carcinogenicity/Other Information:
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

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12. ECOLOGICAL INFORMATION

General Ecological Information: Ecotoxicity: IPA has a high biochemical oxygen demand and a potential to cause oxygen depletion in aqueous systems, a low potential to affect aquatic organisms, a low potential to affect secondary waste treatment microbial metabolism, a low potential to affect the germination of some plants, a high potential to biodegrade (low persistence) with unacclimated microorganisms from activated sludge.

Physical: THOD: 2.40 g oxygen/gCOD: 2.23 g oxygen/gBOD-5: 1.19-1.72 g oxygen/g.
Environmental: No information available.

Results of PBT and vPvB assessment: Other Studies: CAS# 5989-27-5:
LC50, Water Flea (Daphnia magna), 577 ug/l, 48 H, Mortality
LC50, Fathead Minnow (Pimephales promelas), 600-800 ug/l, 24 H, Mortality

Other Studies: CAS# 67-63-0:
LC50, Water Flea (Daphnia magna), 10000 mg/L, 24H, Intoxication
LC50, Fathead Minnow (Pimephales promelas), 6550000 ug/L, 96H, Mortality

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available. No

Mobility in Soil: data available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classifiedas a hazardous waste. US EPA guidelines for the classification determination are listedin 40 CFR Parts 261. Additionally, waste generators must consult state and localhazardous waste regulations to ensure complete and accurate classification. Observe all Federal, State, and local regulations. Contact a licensed professional waste disposalservice to dispose of this material.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Flammable liquids, n.o.s. (Isopropanol, Petroleum distllates)
DOT Hazard Class: 3 FLAMMABLE LIQUID
UN/NA Number: UN1993 **Packing Group:** II

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

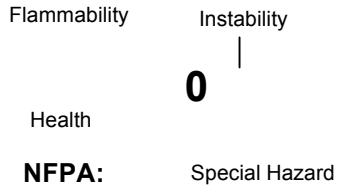
CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
67-63-0	Isopropyl Alcohol	No	No	Yes
5989-27-5	d-Limonene	No	No	No
872-50-4	N-Methyl-2-pyrrolidone	No	No	Yes
NA	Surfactant	No	No	No
64741-65-7	Alkylation naphtha, heavy	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
67-63-0	Isopropyl Alcohol	TSCA: Yes - Inventory, 4 Test; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: Yes - 1076; NY Part 597: No; PA HSL: Yes - E
5989-27-5	d-Limonene	TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
872-50-4	N-Methyl-2-pyrrolidone	TSCA: Yes - Inventory, 4 Test, 12(b); CA PROP.65: Yes; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: Yes - 3716; NY Part 597: No; PA HSL: Yes - 1
NA	Surfactant	TSCA: No; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
64741-65-7	Alkylation naphtha, heavy	TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No

16. OTHER INFORMATION

Revision Date: 06/16/2015

Hazard Rating System:



Additional Information About This Product: No data available.

Company Policy or Disclaimer: While SnagWolf, Inc. believes the statements set forth herein are accurate as of the date hereof, SnagWolf, Inc. makes no warranty with respect thereto and expressly disclaimsall liability for reliance thereon. Such data is offered solely for your consideration, investigation, and verification.