

according to OSHA HCS 2012 (CFR 29 1910.1200)

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Revised on: 06/29/2015

# 1 Identification

· Product identifier:

· Product Name: Aquatuff Red

· Product Number: 78007

· Relevant identified uses of the substance or mixture and uses advised against:

No further relevant information available.

· Manufacturer/Supplier:

No Skidding Products, Inc.

266 Wildcat Road

Toronto, Ontario

Canada M3J 2N5

· Information telephone number:

Toll Free 1-800-375-0571

Local 416-667-1788

· Emergency telephone number: Canutec: 1-613-996-6666

# 2 Hazard identification

· Classification of the substance or mixture:

Flam. Liq. 3 H226 Flammable liquid and vapor.

· GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms:



GHS02

- Signal word: Warning
- · Hazard statements:

Flammable liquid and vapor.

Precautionary statements:

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Use explosion-proof electrical/ventilating/lighting/equipment.

Wear protective gloves / eye protection / face protection.

Ground/bond container and receiving equipment.

Keep container tightly closed.

Use only non-sparking tools.

Take precautionary measures against static discharge.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

In case of fire: Use for extinction: CO2, sand, extinguishing powder.

Store in a well-ventilated place. Keep cool.

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

- **Classification system:**
- · NFPA ratings (scale 0 4)



Health = 2

Fire = 2 Reactivity = 0

· HMIS-ratings (scale 0 - 4)



Health = 2

Fire = 2

Reactivity = 0

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- · Other hazards:
- · Results of PBT and vPvB assessment:
- · **PBT:** Not applicable. · **vPvB:** Not applicable.

# 3 Composition/information on ingredients

- · Chemical characterization: Mixture
- **Description:** Mixture of the substances listed below with nonhazardous additions.

·Hazardou	s components:	
2807-30-9	2-(propyloxy)ethanol	5-<10%
1332-37-2	Iron oxide	5-<10%
67-63-0	propan-2-ol	1-2.5%

### 4 First-aid measures:

- Description of first aid measures:
- For inhalation: Supply fresh air, consult doctor in case of complaints.
- For skin contact: Generally the product does not irritate the skin.
- For eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- · For swallowing:

Do not induce vomiting; immediately call for medical help.

A person vomiting while lying on their back should be turned onto their side.

- · Information for doctor:
- · Most important symptoms and effects, both acute and delayed: No further relevant information available.
- · Indication of any immediate medical attention and special treatment needed:

No further relevant information available.

# 5 Fire-fighting measures:

- Extinguishing media:
- · Suitable extinguishing agents: CO2, sand, extinguishing powder. Do not use water.
- · For safety reasons unsuitable extinguishing agents: Water with full jet
- Special hazards arising from the substance or mixture: No further relevant information available.
- · Advice for firefighters:
- · **Protective equipment:** Wear self-contained respiratory protective device.

## 6 Accidental release measures:

Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Keep unprotected persons away.

· Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, universal binder or other inert absorbent).

Do not flush with water or aqueous cleansing agents

Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

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# 7 Handling and storage:

- Handling:
- Precautions for safe handling: No special precautions are necessary if used correctly.
- · Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

- Conditions for safe storage, including any incompatibilities:
- Storage:
- Requirements to be met by storerooms and receptacles: No special requirements.
- Information about storage in one common storage facility: Not required.
- · Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

· Specific end use(s): No further relevant information available.

# 8 Exposure controls/personal protection:

- · Additional information about design of technical systems: No further data; see item 7.
- · Control parameters:

· Components with	limit values that	require monitoring	g at the workplace:

# 1332-37-2 Iron oxide

REL Long-term value: 1 mg/m<sup>3</sup>

as Fe

TLV Long-term value: 1 mg/m<sup>3</sup>

as Fe

#### 67-63-0 propan-2-ol

PEL Long-term value: 980 mg/m<sup>3</sup>, 400 ppm

REL Short-term value: 1225 mg/m<sup>3</sup>, 500 ppm

Long-term value: 980 mg/m<sup>3</sup>, 400 ppm

TLV Short-term value: 984 mg/m<sup>3</sup>, 400 ppm

Long-term value: 492 mg/m³, 200 ppm

BEI

### Ingredients with biological limit values:

#### 67-63-0 propan-2-ol

BEI 40 mg/L

Medium: urine

Time: end of shift at end of workweek

Parameter: Acetone (background, nonspecific)

- Additional information: The lists that were valid during the creation were used as basis.
- · Exposure controls:
- · Personal protective equipment:
- · General protective and hygienic measures:

Wash hands before eating, smoking, using the restroom and at the end of the workday.

· Breathing equipment:

In case of brief exposure or low concentrations, use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

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## Protection of hands:

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Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

#### Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

#### Eye protection:



Tightly sealed goggles

9 Physical	and o	chemi	cal	pro	pertie	2S

· Information on basic physical and cl · General Information:	hemical properties:
· Appearance:	
Form:	Liquid
Color:	Red
· Odor:	Alcohol-like
· Odour threshold:	Not determined.
· pH-value:	Not applicable.
· Change in condition: Melting point/Melting range: Boiling point/Boiling range:	Undetermined. > 80 °C (> 176 °F)
· Flash point:	54 °C (129 °F)
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	230 °C (446 °F)
Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapor pressure at 20 °C (68 °F):	23 hPa (17 mm Hg)
Density at 20 °C (68 °F):	1.069 g/cm <sup>3</sup> (8.921 lbs/gal)
Relative density:	Not determined.

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· Vapour density:	Heavier than air.	
· Evaporation rate:	Slower than ether.	
· Solubility in / Miscibility with:		
Water:	Not miscible or difficult to mix.	
· Partition coefficient (n-octanol	/water): Not determined.	
· Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
· Solvent content:		
Organic solvents:	9.8 %	
Water:	62.2 %	
VOC content:	9.8 %	
	<250 g/l when blended with part A	
Solids content:	28.2 %	
Other information:	No further relevant information available.	

# 10 Stability and reactivity

- Reactivity:
- **Chemical stability:**
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · Possibility of hazardous reactions: No dangerous reactions known.
- Conditions to avoid: Do not store or use near sparks, flame, or other ignition sources.
- · Incompatible materials: Strong acids and alkalis, bleach, strong oxidizers.
- · Hazardous decomposition products:

Burning may yield carbon monoxide, carbon dioxide, oxides of nitrogen, and various hydrocarbons.

# 11 Toxicological information

- Information on toxicological effects:
- **Acute toxicity:**
- · Primary irritant effect:
- on the skin: No irritant effect.
- on the eye: No irritating effect.
- Sensitization: No sensitizing effects known.
- Additional toxicological information:
- · Carcinogenic categories:

Carcinogenic categories.				
· IARC (Int	ernational Agency for Research on Cancer):			
67-63-0	propan-2-ol	3		
7631-86-9	silicon dioxide, chemically prepared	3		
· NTP (Nati	· NTP (National Toxicology Program):			
None of the	None of the ingredients is listed.			
· OSHA-Ca	· OSHA-Ca (Occupational Safety & Health Administration):			
None of the	None of the ingredients is listed.			

# 12 Ecological information

- · Toxicity:
- Aquatic toxicity: No further relevant information available.

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- · Persistence and degradability: No further relevant information available.
- · Behavior in environmental systems:
- · Bioaccumulative potential: No further relevant information available.
- · Mobility in soil: No further relevant information available.
- Additional ecological information:
- General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- · Results of PBT and vPvB assessment:
- · PBT: Not applicable.
- · vPvB: Not applicable.
- · Other adverse effects: No further relevant information available.

# 13 Disposal considerations

- · Waste treatment methods:
- Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packagings:**
- · Recommendation: Disposal must be made according to official regulations.

117	Tarana a			Consumer and	
14 I	rans	port	uni	ormat	wn:

UN-Number:
OIN-INGILIDEI.

· IMDG, IATA

· DOT, IMDG, IATA

UN1263

· UN proper shipping name:

· DOT

This material has a flash point at or above 38°C and may be reclassified as a combustible liquid. A combustible liquid in non-bulk packaging (≤450 liters; ≤119 gallons) is exempt from the DOT regulation when transported by ground. Paint

**PAINT** 

- · Transport hazard class(es):
- · DOT





·Class 3 Flammable liquids

> This material has a flash point at or above 38°C and may be reclassified as a combustible liquid. A combustible liquid in non-bulk packaging (≤450 liters; ≤119 gallons) is exempt from

the DOT regulation when transported by ground.

3, 8

·Label · IMDG





·Class 3 Flammable liquids

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(Contd. from page 6) ·Label 3/8 ·IATA 3 Flammable liquids · Class ·Label 3 (8) Packing group: · DOT, IMDG, IATA Ш · Environmental hazards: Marine pollutant: No Warning: Flammable liquids · Special precautions for user: Danger code (Kemler): F-E,S-E · EMS Number: · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable. · Transport/Additional information: · DOT **Quantity limitations:** On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L

·IMDG · Limited quantities (LQ):

Code: E1 · Excepted quantities (EQ):

Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml

UN1263, Paint, 3 (8), III · UN "Model Regulation":

# 15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture:

5L

SARA:

Section 355 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):

67-63-0 propan-2-ol

· TSCA (Toxic Substances Control Act):

All ingredients are listed.

· Proposition 65:

· Chemicals known to cause cancer:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

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#### · Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

· Carcinogenic categories:

#### · EPA (Environmental Protection Agency)

None of the ingredients is listed.

#### · TLV (Threshold Limit Value established by ACGIH)

67-63-0 propan-2-ol

A4

#### · NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

#### · GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms:



· Signal word: Warning

### · Hazard statements:

Flammable liquid and vapor.

#### · Precautionary statements:

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Use explosion-proof electrical/ventilating/lighting/equipment.

Wear protective gloves / eye protection / face protection.

Ground/bond container and receiving equipment.

Keep container tightly closed.

Use only non-sparking tools.

Take precautionary measures against static discharge.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

In case of fire: Use for extinction: CO2, sand, extinguishing powder.

Store in a well-ventilated place. Keep cool.

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

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

#### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** No Skidding Technical
- · Contact: Compliance Manager
- · Date of preparation / last revision: 06/29/2015 / -

#### - Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA) VOC: Volatile Organic Compounds (USA, EU)

Flam. Liq. 3: Flammable liquids, Hazard Category 3