

Trade name : WRAP-ON!
Revision date : 02-03-2017
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Version (Revision) : 1.1.0

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier

WRAP-ON! (600-Z0320)

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses

Reserved for industrial and professional use.

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

SOTT-USA,LLC

Street : 414 West Chevy Chase Drive

City : /Zip: Glendale, CA 91204

Country : United States

1.4 Emergency telephone number

USA: POISON HELPLINE 1-800-222-1222 Only for the purpose of informing medical personnel in cases of acute intoxications.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to OSHA's Hazard Communication Standard 2012[Rev.6]

Flam. Liq. 3 ; H226 - Flammable liquids : Category 3 ; Flammable liquid and vapour.

2.2 Label elements

Labelling according to OSHA's Hazard Communication Standard 2012[Rev.6]

Hazard pictograms



Flame (GHS02)

Signal word

Warning

Hazard statements

H226 Flammable liquid and vapour.

Precautionary statements (Regulation (EC) No 1272/2008)

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P370+P378 In case of fire: Use: See section 5.1 to extinguish.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container to certified waste disposal.

2.3 Other hazards

Hazards not otherwise classified (HNOC)

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Eye. Irr. 2B: H320 – Causes eye irritation

Other adverse effects

People who suffer from skin sensitization problems, asthma, allergies, chronic or recurring respiratory illnesses should not be deployed in any process using this preparation.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

ETHANOL ; REACH registration No. : 01-2119457610-43 ; EC No. : 200-578-6; CAS No. : 64-17-5

Weight fraction : $\geq 10 - < 15 \%$

Classification 1272/2008 [CLP] : Flam. Liq. 2 ; H225 Eye Irrit. 2 ; H319

Additional information

Full text of H- and EUH-phrases: see section 16.

3.3 Additional information

All components are expressed in weight percent

SECTION 4: First aid measures

4.1 Description of first aid measures

Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice.

Following inhalation

Remove casualty to fresh air and keep warm and at rest. In case of respiratory tract irritation, consult a physician.

In case of skin contact

Wash immediately with: Water and soap In case of skin irritation, consult a physician. Remove contaminated clothing.

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Do NOT induce vomiting. When in doubt or if symptoms are observed, get medical advice.

Self-protection of the first aider

First aider: Pay attention to self-protection!

Information to physician

Symptoms

The following symptoms may occur: Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).

Hazards

Eye Irritation

Treatment

Treat symptomatically.

4.2 Most important symptoms and effects, both acute and delayed

Subsequent observance for pneumonia and lung oedema. Has degreasing effect on the skin. After ingestion

Symptoms

Following inhalation In case of respiratory tract irritation, consult a physician. Remove victim out of the danger area. If breathing is irregular or stopped, administer artificial respiration. No mouth-to-mouth or mouth-to-nose resuscitation.

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Use Ambu bag or ventilator.
 In case of skin contact Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).
 After eye contact In case of eye irritation consult an ophthalmologist.
 After ingestion Subsequent observance for pneumonia and lung oedema.

4.3 Indication of any immediate medical attention and special treatment needed

Get medical advice/attention if you feel unwell.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Water
 Foam
 Dry extinguishing powder
 Carbon dioxide (CO₂)
 Extinguishing blanket

Unsuitable extinguishing media

None known, no data available

5.2 Special hazards arising from the substance or mixture

Flammable liquid. Flashpoint 104°F (40°C)
 In case of fire may be liberated:
 Nitrogen oxides (NO_x)
 Carbon monoxide
 Carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.
 Wear full chemical protective clothing.

5.4 Additional information

Do not inhale explosion and combustion gases.
 Do not allow run-off from fire-fighting to enter drains or water courses. Burning produces heavy smoke. Move undamaged containers from immediate hazard area if it can be done safely. Stop and contain spill/release if it can be done safely. If this cannot be done, allow fire to burn under control.
 Use water spray jet to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protection equipment. Keep away from sources of ignition. - No smoking.
 Provide adequate ventilation.
 Wear breathing apparatus if exposed to vapours/dusts/aerosols.
 Remove all sources of ignition.

For non-emergency personnel

Remove persons to safety.

For emergency responders

Be aware that gases can spread at ground level (heavier than air) and pay attention to the wind direction.
 See protective measures under point 7 and 8.

6.2 Environmental precautions

Do not allow to enter into soil/subsoil.
 Do not allow to enter into surface water or drains.
 Prevent spread over a wide area (e.g. by containment or oil barriers).
 Retain contaminated washing water and dispose it. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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6.3 Methods and material for containment and cleaning up

Clean contaminated articles and floor according to the environmental legislation. Remove all sources of ignition.
Suitable material for taking up:
Absorbing material, organic Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Ensure waste is collected and contained.

6.4 Reference to other sections

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handling
Avoid repeated or prolonged skin contact. All work processes must always be designed so that the following is as low as possible: Inhalation of vapours or spray/mists Use explosion-proof machinery, apparatus, ventilation facilities, tools etc. Use only antistatically equipped (spark-free) tools. Take precautionary measures against static discharges. Keep away from sources of ignition. - No smoking. Vapours can form explosive mixtures with air.

Protective measures

All work processes must always be designed so that the following is excluded: If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means. Take precautionary measures against static discharges. Avoid exposure. After contact with skin, wash immediately with plenty of water and soap. 20/21 - When using do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool dry place. Ensure adequate ventilation of the storage area. Keep/Store only in original container. Do not expose to temperatures above 50 °C.

Technical measures and storage conditions

Ensure adequate ventilation of the storage area. Keep/Store only in original container. Use isolated drainage to prevent discharge to soil. Restrict access to stockrooms. Take precautionary measures against static discharges. Keep away from sources of ignition. - No smoking.

Hints on joint storage

Lewis-acid

Storage class : 3

Storage class (TRGS 510) : 3

Further information on storage conditions

Recommended storage temperature : of 5°C up to 35 °C

7.3 Specific end use(s)

For professional and industrial installation and use only

Recommendation

Recommendation Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

ETHANOL ; CAS No. : 64-17-5

Limit value type (country of origin) : TWA (USA)

Limit value : 1000 ppm / 1900 mg/m³

Peak limitation :

Remark :

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8.2 Exposure controls

Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Personal protection equipment



Personal protection equipment

Eye/face protection

Suitable eye protection

Safety goggles with side shields

Skin protection

Avoid repeated or prolonged skin contact.

Hand protection

Wear suitable gloves resistant to chemical penetration.(EN 374//EN 381) Breakthrough time (maximum wearing time) > 480 min. Thickness of the glove material >0,38 MM Suitable material NBR (Nitrile rubber)

Respiratory protection

Respiratory protection necessary at: exceeding exposure limit values insufficient ventilation insufficient exhaust Handling larger quantities. Container device with compressed air (DIN EN 137) No information available. Filtering device (full mask or mouthpiece) with filter: Filter types:A, B, E, K. Class 1: Maximum permitted contaminant concentration in inhaled air = 1000 mL/m3 (0.1 % by vol.); class 2: maximum permitted contaminant concentration in inhaled air = 5000 mL/m3 (0.5 % by vol.); class 3: maximum permitted contaminant concentration in inhaled air = 10000 mL/m3 (1.0 % by vol.)

8.3 Additional information

Wash contaminated clothing prior to re-use.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : light pink

Odour : characteristic

Safety relevant basis data

Melting point/melting range :	(1013 hPa)		No data available	
Freezing point :	(1013 hPa)	approx.	-10	°C (14°F)
Initial boiling point and boiling range :	(1013 hPa)	approx.	99	°C (210°F)
Decomposition temperature :	(1013 hPa)		No data available	
Flash point :		approx.	40	°C (104°F)
Ignition temperature :			No data available	
Lower explosion limit :			No data available	
Upper explosion limit :			No data available	
Density :	(20 °C)		0,97 - 0,99	g/cm ³
Relative density :	(20 °C)		No data available	
Water solubility :	(20 °C)		fully miscible	
pH :			5 - 7	
log P O/W :			No data available	
Flow time :	(20 °C)		No data available	DIN-cup 4 mm
Viscosity :	(20 °C)		No data available	
Odour threshold :			No data available	

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Evaporation rate :	No data available
Vapourisation rate :	No data available
Maximum VOC content (EC) :	< 14 Wt % 1999/13/EC
Oxidising liquids :	No data available.
Explosive properties :	No data available.

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

This material is considered to be non-reactive under normal use conditions.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Take precautionary measures against static discharges. Keep away from sources of ignition. - No smoking.

10.5 Incompatible materials

Materials to avoid Oxidising agent, strong. Lewis-acid

10.6 Hazardous decomposition products

None at room temperature

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute effects

Acute oral toxicity

Parameter :	LD50 (ETHANOL ; CAS No. : 64-17-5)
Exposure route :	Oral
Species :	Rat
Effective dose :	> 2000 mg/kg
Method :	OECD 401

Acute dermal toxicity

Parameter :	LD50 (ETHANOL ; CAS No. : 64-17-5)
Exposure route :	Dermal
Species :	Rabbit
Effective dose :	> 2000 mg/kg
Method :	OECD 402

Acute inhalation toxicity

Parameter :	LC50 (ETHANOL ; CAS No. : 64-17-5)
Exposure route :	Inhalation
Species :	Mouse
Effective dose :	> 20 mg/l
Exposure time :	4 h

Irritant and corrosive effects

Irritation to eyes

Irritating to eyes.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

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Aspiration hazard

Harmful: may cause lung damage if swallowed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Acute (short-term) fish toxicity

Parameter : LC50 (ETHANOL ; CAS No. : 64-17-5)
Species : Leuciscus idus (golden orfe)
Evaluation parameter : Acute (short-term) fish toxicity
Effective dose : > 100 mg/l
Exposure time : 48 h
Method : OECD 203

Acute (short-term) daphnia toxicity

Parameter : EC50 (ETHANOL ; CAS No. : 64-17-5)
Species : Daphnia magna (Big water flea)
Evaluation parameter : Acute (short-term) daphnia toxicity
Effective dose : > 100 mg/l
Exposure time : 24 h
Method : OECD 202

Parameter : EC50 (ETHANOL ; CAS No. : 64-17-5)
Species : Chlorella pyrenoidosa
Evaluation parameter : Acute (short-term) algae toxicity
Effective dose : > 100 mg/l

12.2 Persistence and degradability

Biodegradation

Parameter : Biodegradation (ETHANOL ; CAS No. : 64-17-5)
Inoculum : Degree of elimination
Effective dose : > 70 %
Exposure time : 5 DAY
Method : OECD 301D/ EEC 92/69/V, C.4-E

12.3 Bioaccumulative potential

Parameter : Log KOC (ETHANOL ; CAS No. : 64-17-5)
Concentration : <= 4
data lacking

12.4 Mobility in soil

There are no data available on the preparation/mixture itself.

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Other adverse effects

slightly hazardous to water (WGK 1)

12.7 Additional ecotoxicological information

None

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of waste according to applicable legislation.

Product/Packaging disposal

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Waste treatment options

Appropriate disposal / Package

Safe handling: see section 7 Contaminated packages must be completely emptied and can be re-used following proper cleaning. Packaging that cannot be cleaned must be disposed of in the same manner as the product.

13.2 Additional information

None

SECTION 14: Transport information

14.1 UN number

Land transport (ADR/RID) : UN1993

Sea transport (IMDG) : UN1170

Air transport (ICAO-TI / IATA-DGR) : UN1170

14.2 UN proper shipping name

Land transport (ADR/RID)

FLAMMABLE LIQUID, N.O.S. (ETHANOL)

Sea transport (IMDG)

ETHANOL, SOLUTION

Air transport (ICAO-TI / IATA-DGR)

ETHANOL, SOLUTION

14.3 Transport hazard class(es)

Land transport (ADR/RID)

Class(es) : 3

Classification code : F1

Hazard identification number (Kemler

No.) : 30

Tunnel restriction code : D/E

Special provisions : 640E · LQ 5 I · E 1 · Transport in containers with max. 450 litres contents are not subject to the regulations of ADR/RID.

Hazard label(s) :



3

Sea transport (IMDG)

Class(es) : 3

EmS-No. : F-E / S-D

Special provisions : LQ 5 I · E 1 · IMDG 2.3.2.5 (<= 30 l)

Hazard label(s) :



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Air transport (ICAO-TI / IATA-DGR)

Class(es) : 3

Special provisions : E 1

Hazard label(s) :



3

14.4 Packing group

III

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14.5 Environmental hazards

Land transport (ADR/RID) : No
Sea transport (IMDG) : No
Air transport (ICAO-TI / IATA-DGR) : No

14.6 Special precautions for user

None

SECTION 15: Regulatory information

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

National regulations

Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to VwVwS

SVHC: The material does not contain any of the SVHC's on the REACH Candidate list of substances of Very High Concern

REACH Annex XVIII: The material does not contain any of the substances listed in REACH Annex XVIII: restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.

REACH Annex XIV: The material does not contain any of the substances listed in REACH Annex XIV: List of Substances subject to Authorization.

National regulations non-EU

California Proposition 65 list: The material does not contain substances on the current California Proposition 65 list.

IARC: The material does not contain any substances as known or suspect carcinogen according to National Toxicology Program (NTP), "Annual Report on Carcinogens" and International Agency for Research on Cancer (IARC) "Monographs" (Latest Versions)

29 CFR.1910. Subpart Z: The material does not contain any substances listed in 29 CFR1910, Subpart Z , Toxic and Hazardous Substances, Occupational Safety and Health Administration, other then mentioned in section 8.1

LIST OF LISTS:The material does not contain substances listed in List of Lists: Consolidated list of Chemicals Subject to the Emergency Planning and Community Right- To- Know Act (EPCRA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and Section 112® of the Clean Air Act.

Annexes to the Montreal Protocol: The material does not contain any Class I and/or Class II ODS substances as listed on the annexes to the Montreal Protocol.

Industry Specific Regulations

GADSL:The materials doesnot contain prohibited or declarable substances listed in the latest's GADSL Reference list (ref.www.gadsl.org)

15.2 Chemical safety assessment

Chemical safety assessment There are no data available on the preparation/mixture itself.

SECTION 16: Other information

16.1 Indication of changes

None

16.2 Abbreviations and acronyms

a.i. = Active ingredient

ACGIH = American Conference of Governmental Industrial Hygienists (US)

ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road

AFFF = Aqueous Film Forming Foam

AISE = International Association for Soaps, Detergents and Maintenance Products (joint project of AISE and CEFIC)

AOAC = AOAC International (formerly Association of Official Analytical Chemists)

aq. = Aqueous

ASTM = American Society of Testing and Materials (US)

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atm = Atmosphere(s)
 B.V. = Beperkt Vennootschap (Limited)
 BCF = Bioconcentration Factor
 bp = Boiling point at stated pressure
 bw = Body weight
 ca = (Circa) about
 CAS No = Chemical Abstracts Service Number (see ACS - American Chemical Society)
 CEFIC = European Chemical Industry Council (established 1972)
 CIPAC = Collaborative International Pesticides Analytical Council
 CLP = REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.
 Conc = Concentration
 cP = CentiPoise
 cSt = Centistokes
 d = Day(s)
 DIN = Deutsches Institut für Normung e.V.
 DNEL = Derived No-Effect Level
 DT50 = Time for 50% loss; half-life
 EbC50 = Median effective concentration (biomass, e.g. of algae)
 EC = European Community; European Commission
 EC50 = Median effective concentration
 EINECS = European Inventory of Existing Commercial Chemical Substances (EU, outdated, now replaced by EC Number)
 ELINCS = European List of Notified (New) Chemicals (see Tab 7, Background - Guide)
 ErC50 = Median effective concentration (growth rate, e.g. of algae)
 EU = European Union
 EWC = European Waste Catalogue
 FAO = Food and Agriculture Organization (United Nations)
 GIFAP = Groupement International des Associations Nationales de Fabricants de Produits Agrochimiques (now CropLife International)
 h = Hour(s)
 hPa = HectoPascal (unit of pressure)
 IARC = International Agency for Research on Cancer
 IATA = International Air Transport Association
 IC50 = Concentration that produces 50% inhibition
 IMDG Code = International Maritime Dangerous Goods Code
 IMO = International Maritime Organization
 ISO = International Organization for Standardization
 IUCLID = International Uniform Chemical Information Database
 IUPAC = International Union of Pure and Applied Chemistry
 kg = Kilogram
 Kow = Distribution coefficient between n-octanol and water
 kPa = KiloPascal (unit of pressure)
 LC50 = Concentration required to kill 50% of test organisms
 LD50 = Dose required to kill 50% of test organisms
 LEL = Lower Explosive Limit/Lower Explosion Limit
 LOAEL = Lowest observed adverse effect level
 mg = Milligram
 min = Minute(s)
 ml = Milliliter
 mmHg = Pressure equivalent to 1 mm of mercury (133.3 Pa)
 mp = Melting point
 MRL = Maximum Residue Limit
 MSDS = Material Safety Data Sheet
 n.o.s. = Not Otherwise Specified
 NIOSH = National Institute for Occupational Safety and Health (US)
 NOAEL = No Observed Adverse Effect Level
 NOEC = No observed effect concentration
 NOEL = No Observable Effect Level
 NOx = Oxides of Nitrogen

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OECD = Organization for Economic Cooperation and Development
 OEL = Occupational Exposure Limits
 Pa = Pascal (unit of pressure)
 PBT = Persistent, Bioaccumulative or Toxic
 pH = -log10 hydrogen ion concentration
 pKa = -log10 acid dissociation constant
 PNEC = Previsible Non Effect Concentration
 POPs = Persistent Organic Pollutants
 ppb = Parts per billion
 PPE = Personal Protection Equipment
 ppm = Parts per million
 ppt = Parts per trillion
 PVC = Polyvinyl Chloride
 QSAR = Quantitative Structure-Activity Relationship
 REACH = Registration, Evaluation and Authorization of CHemicals (EU, see NCP)
 SI = International System of Units
 STEL = Short-Term Exposure Limit
 tech. = Technical grade
 TSCA = Toxic Substances Control Act (US)
 TWA = Time-Weighted Average
 vPvB = Very Persistent and Very Bioaccumulative
 WHO = World Health Organization = OMS
 y = Year(s)

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

16.5 Relevant H- and EUH-phrases (Number and full text)

H225 Highly flammable liquid and vapour.
 H319 Causes serious eye irritation.

16.6 Training advice

California Hazard Communication Regulation T8CCR 5194[h]

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.