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SECTIC underta	ON 1: Identification of the substance/mixture and of the company/ king
· 1.1 Produ	ict identifier
[.] Trade nai	me: <u>Cutts-All</u>
· 1.2 Relev	Imber: 2047 ant identified uses of the substance or mixture and uses advised against relevant information available.
· Application	on of the substance / the mixture All-purpose cleaner
· Manufact ATCO Inte	clay Circle, S.E. Ga 30060
ChemTel	gency telephone number: Inc. 3924, +1 (813)248-0585
SECTIO	N 2: Hazards identification
Classifica The follow regulation Classifica (29CFR19	ification of the substance or mixture ation according to Regulation (EC) No 1272/2008 wing Hazard Statements are applicable only to the EU regulations and not the US GHS : H412. ations listed also are applicable to the OSHA GHS Hazard Communication Standard 010.1200).
Eye Dam.	1 H318 Causes serious eye damage.
Skin Irrit. 2	
Skin Sens	
	hronic 3 H412 Harmful to aquatic life with long lasting effects.
· Classifica	ation according to Directive 67/548/EEC or Directive 1999/45/EC itant
R38-41:	Irritating to skin. Risk of serious damage to eyes.
🗙 Xi; Se	ensitising
R43:	May cause sensitisation by skin contact.
R52/53:	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. (Contd. on page 2)

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Safety Data Sheet according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and OSHA GHS

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Trade name: Cutts-All (Contd. of page 1) · Information concerning particular hazards for human and environment: The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version. **Classification system:** The classification is according to the latest editions of the EU-lists, and extended by company and literature data. The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company. Additional information: There are no other hazards not otherwise classified that have been identified. 0 percent of the mixture consists of component(s) of unknown toxicity · 2.2 Label elements · Labelling according to Regulation (EC) No 1272/2008 The product is additionally classified and labelled according to the Globally Harmonized System within the United States (GHS). The product is classified and labelled according to the CLP regulation. · Hazard pictograms GHS05 GHS07 · Signal word Danger · Hazard-determining components of labelling: alcohols, C9-11, ethoxylated d-Limonene 2-aminoethanol Hazard statements The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H412. H315 Causes skin irritation. H318 Causes serious eye damage. H317 May cause an allergic skin reaction. H412 Harmful to aquatic life with long lasting effects. **Precautionary statements** P261 Avoid breathing mist/vapours/spray. P280 Wear protective gloves / eye protection. Wash thoroughly after handling. P264 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. P310 P362 Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical advice/attention. P333+P313 IF ON SKIN: Wash with plenty of water. P302+P352 P501 Dispose of contents/container in accordance with local/regional/national/international regulations. (Contd. on page 3)

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Trade name: Cutts-All	
	(Contd. of page
· Hazard description:	
· WHMIS-symbols:	
D2B - Toxic material causing other toxic effects	
1	
· NFPA ratings (scale 0 - 4)	
Health = 2	
Fire = 1	
Reactivity = 0	
· HMIS-ratings (scale 0 - 4)	
HEALTH 2 Health = 2	
Fire 1 Fire = 1	
REACTIVITY O Reactivity = 0	
· HMIS Long Term Health Hazard Substances	
None of the ingredients are listed.	
2.3 Other hazards	
Results of PBT and vPvB assessment	
· PBT: Not applicable.	
· vPvB:	
1064-48-8 sodium 4-amino-5-hydroxy-3-(4-nitrophenylazo)-6-(phenylazo)	naphthalene-2,7-disulphonate

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· Description: Mixture of substances listed below with nonhazardous additions.

alcohols, C9-11, ethoxylated	2,5-10%
🗙 Xi R41	
🔶 Eye Dam. 1, H318	
2-(2-ethoxyethoxy)ethanol	2,5-10%
substance with a Community workplace exposure limit	
	(Contd. on page 4
	 Xi R41 ♦ Eye Dam. 1, H318 2-(2-ethoxyethoxy)ethanol substance with a Community workplace exposure limit

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	(Con	td. of page 3)
CAS: 5989-27-5	d-Limonene	≤ 2,5%
EINECS: 227-813-5	🗙 Xn R65; 🗙 Xi R38; 🗙 Xi R43; 🔥 F R10; 🌄 N R50/53	
Index number: 601-029-00-7		
	🚯 Asp. Tox. 1, H304	
	Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
	Skin Irrit. 2, H315; Skin Sens. 1, H317	
CAS: 141-43-5	2-aminoethanol	≤ 2,5%
EINECS: 205-483-3	🕎 C R34; 🗙 Xn R20/21/22	
Index number: 603-030-00-8	Skin Corr. 1B. H314	
	Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332	
	Aquatic Chronic 3, H412	
• Additional information:		<u> </u>
	identity and exact percentages are being withheld as a trade secre	st.

For the listed ingredients, the identity and exact percentages are being withheld as a trade For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· General information: Immediately remove any clothing soiled by the product.

• After inhalation: Supply fresh air; consult doctor in case of complaints.

• After skin contact:

Immediately remove any clothing soiled by the product.

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· After eye contact:

Protect unharmed eye.

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

Allergic reactions

Irritant to skin and mucous membranes.

Strong irritant with the danger of severe eye injury.

Nausea in case of ingestion.

• Hazards Causes serious eye damage.

4.3 Indication of any immediate medical attention and special treatment needed

Medical supervision for at least 48 hours.

Treat skin and mucous membrane with antihistamine and corticoid preparations.

Contains d-Limonene. May produce an allergic reaction.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

• Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

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de name: Cutts-All
(Contd. of pag For safety reasons unsuitable extinguishing agents: None. 5.2 Special hazards arising from the substance or mixture Formation of toxic gases is possible during heating or in case of fire. 5.3 Advice for firefighters Protective equipment: Wear self-contained respiratory protective device. Wear fully protective suit. Additional information Use large quantities of foam as it is partially destroyed by the product.
SECTION 6: Accidental release measures
 6.1 Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation For large spills, use respiratory protective device against the effects of fumes/dust/aerosol. 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water. Inform respective authorities in case of seepage into water course or sewage system. 6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation. Send for recovery or disposal in suitable receptacles. 6.4 Reference to other sections See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment.
SECTION 7: Handling and storage 7.1 Precautions for safe handling Prevent formation of aerosols. Use only in well ventilated areas. Avoid splashes or spray in enclosed areas. Information about fire - and explosion protection: No special measures required.
7.2 Conditions for safe storage, including any incompatibilities Storage: Requirements to be met by storerooms and receptacles:

Provide ventilation for receptacles.

Avoid storage near extreme heat, ignition sources or open flame.

• Information about storage in one common storage facility: Store away from foodstuffs.

Do not store together with oxidising and acidic materials.

• Further information about storage conditions: None.

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

SECTION 8: Exposure controls/personal protection

· Additional information about design of technical facilities: No further data; see item 7.

· 8.1 Control parameters

· 8.1 Control parameters		
Ingredients with limit values that require monitoring at the workplace:		
111-90-0 2-(2-ethoxyethoxy)ethanol		
WEEL (USA) Long-term value: 25 ppm		
· · /	Long-term value: 165 mg/m³, 30 ppm	
141-43-5 2-aminoethanol		
IOELV (EU)	Short-term value: 7,6 mg/m³, 3 ppm Long-term value: 2,5 mg/m³, 1 ppm Skin	
PEL (USA)	Long-term value: 6 mg/m³, 3 ppm	
REL (USA)	Short-term value: 15 mg/m³, 6 ppm Long-term value: 8 mg/m³, 3 ppm	
TLV (USA)	Short-term value: 15 mg/m³, 6 ppm Long-term value: 7,5 mg/m³, 3 ppm	
EL (Canada)	Short-term value: 6 ppm Long-term value: 3 ppm	
EV (Canada)	Short-term value: 15 mg/m³, 6 ppm Long-term value: 7,5 mg/m³, 3 ppm	
 DNELs No further relevant information available. PNECs No further relevant information available. Additional information: The lists valid during the making were used as basis. 		
 8.2 Exposure controls Personal protective equipment: General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Store protective clothing separately. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin. Respiratory protection: Not required under normal conditions of use. Use suitable respiratory protective device when high concentrations are present. Use suitable respiratory protective device when aerosol or mist is formed. For spills, respiratory protection may be advisable. 		
, ,,		(Contd. on page 7)

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Trade name: Cutts-All (Contd. of page 6) · Protection of hands: Protective gloves The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. 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. • For the permanent contact gloves made of the following materials are suitable: Nitrile rubber, NBR **PVC** gloves · Eve protection: Contact lenses should not be worn. Safety glasses · Body protection: Protective work clothing Limitation and supervision of exposure into the environment No further relevant information available. · Risk management measures See Section 7 for additional information. No further relevant information available. **SECTION 9: Physical and chemical properties** • 9.1 Information on basic physical and chemical properties · General Information · Appearance: Form: Liquid Colour: Amber coloured · Odour: Citrus. · Odour threshold: Not determined. · pH-value at 20 °C (68 °F): 10,5

· Change in condition
Melting point/Melting range:Not Determined.Boiling point/Boiling range:> 100 °C (> 212 °F)

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		(Contd. of page
Flash point:	> 93 °C (> 199 °F)	
Flammability (solid, gaseous):	Not applicable.	
Auto/Self-ignition temperature:	Not determined.	
Decomposition temperature:	Not determined.	
Self-igniting:	Product is not self-igniting.	
Danger of explosion:	Product does not present an explosion hazard.	
Explosion limits: Lower: Upper:	Not determined. Not determined.	
Vapour pressure:	Not determined.	
Density at 20 °C (68 °F): Relative density Vapour density Evaporation rate	1 g/cm³ (8,345 lbs/gal) Not determined. Not determined. Not determined.	
Solubility in / Miscibility with water:	Fully miscible.	
Partition coefficient (n-octanol/wat	er): Not determined.	
Viscosity: Dynamic: Kinematic: 9.2 Other information	Not determined. Not determined. No further relevant information available.	

SECTION 10: Stability and reactivity

· 10.1 Reactivity

· 10.2 Chemical stability

• Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

To avoid thermal decomposition do not overheat.

10.3 Possibility of hazardous reactions

Toxic fumes may be released if heated above the decomposition point. Reacts with strong acids and oxidising agents.

• 10.4 Conditions to avoid Excessive heat and contact with oxidizers.

• **10.5 Incompatible materials:** No further relevant information available.

10.6 Hazardous decomposition products:

Carbon monoxide and carbon dioxide

Nitrogen oxides (NOx)

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SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

· Acute toxicity:

· LD/LC50 values relevant for classification:

5989-27-5 d-Limonene

Oral LD50 4400 mg/kg (rat)

Primary irritant effect:

• on the skin: Irritant to skin and mucous membranes.

• on the eye: Strong irritant with the danger of severe eye injury.

· Sensitisation: Sensitisation possible through skin contact.

• Subacute to chronic toxicity: No further relevant information available.

· Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Irritant

Danger through skin adsorption.

Toxic and/or corrosive effects may be delayed up to 24 hours.

Acute effects (acute toxicity, irritation and corrosivity):

Irritating to skin.

May be harmful if inhaled.

• Repeated dose toxicity: Repeated exposures may result in skin and/or respiratory sensitivity.

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction): None.

SECTION 12: Ecological information

· 12.1 Toxicity

• Aquatic toxicity: The material is harmful to the environment.

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.

12.4 Mobility in soil No further relevant information available.

· Ecotoxical effects:

· Remark: Harmful to fish

· Additional ecological information:

· General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

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

Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.

· 12.5 Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB:

1064-48-8 sodium 4-amino-5-hydroxy-3-(4-nitrophenylazo)-6-(phenylazo)naphthalene-2,7-disulphonate

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· 12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

· Uncleaned packaging:

- Recommendation: Disposal must be made according to official regulations.
- · Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

 14.1 UN-Number DOT, ADR, ADN, IMDG, IATA 14.2 UN proper shipping name DOT, ADR, ADN, IMDG, IATA 14.3 Transport hazard class(es) 	Not Regulated Not Regulated
 DOT, ADR, ADN, IMDG, IATA Class 14.4 Packing group DOT, ADR, IMDG, IATA 	Not Regulated Not Regulated
 14.5 Environmental hazards: Marine pollutant: 14.6 Special precautions for user 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code UN "Model Regulation": 	No Not applicable. Not applicable.

SECTION 15: Regulatory information

 $^{\cdot}$ 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture $^{\cdot}$ United States (USA)

· SARA

· Section 355 (extremely hazardous substances):

None of the ingredients are listed.

Section 313 (Specific toxic chemical listings):

None of the ingredients are listed.

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• TSCA (Toxic Substances Control Act):
All ingredients are listed.
· Proposition 65 (California):
· Chemicals known to cause cancer:
None of the ingredients is listed.
· Chemicals known to cause reproductive toxicity for females:
None of the ingredients are listed.
· Chemicals known to cause reproductive toxicity for males:
None of the ingredients are listed.
· Chemicals known to cause developmental toxicity:
None of the ingredients are listed.
· Carcinogenic Categories
· EPA (Environmental Protection Agency)
None of the ingredients are listed.
· IARC (International Agency for Research on Cancer)
5989-27-5 d-Limonene 3
TLV (Threshold Limit Value established by ACGIH)
None of the ingredients are listed.
· NIOSH-Ca (National Institute for Occupational Safety and Health)
None of the ingredients are listed.
Canada
· Canadian Domestic Substances List (DSL)
All ingredients are listed.
· Canadian Ingredient Disclosure list (limit 0.1%)
None of the ingredients are listed.
· Canadian Ingredient Disclosure list (limit 1%)
111-90-0 2-(2-ethoxyethoxy)ethanol
5989-27-5 d-Limonene
141-43-5 2-aminoethanol
• Other regulations, limitations and prohibitive regulations This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.
· Substances of very high concern (SVHC) according to REACH, Article 57
None of the ingredients are listed.
• 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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OFOTI	NI 4C: Other information
	ON 16: Other information
	mation is based on our present knowledge. However, this shall not constitute a guarantee for any product features and shall not establish a legally valid contractual relationship.
· Relevant	t phrases
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
R10	Flammable.
	2 Harmful by inhalation, in contact with skin and if swallowed.
R34	Causes burns.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic
	environment.
R65	Harmful: may cause lung damage if swallowed.
 R65 Harmful: may cause lung damage if swallowed. 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 Transport Association IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals ACGIH: American Conference of Governmental Industrial Hygienists EINECS: European Inventory of Existing Commercial Chemical Substances ELINECS: 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) WHMIS: Workplace Hazardous Materials Information System (Canada) VOC: Volatile Organic Compounds (USA, EU) DNEL: Derived No-Effect Concentration (REACH) LCS0: Lethal dose, 50 percent Elam. Lig. 3: Flammable liquids, Hazard Category 3 Acute Tox. 4: Acute toxicity, Hazard Category 4 Skin corro. 1B: Skin corrosion/irritation, Hazard Category 1 Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 1 Skin Sens. 1: Sensitisation - Skin, Hazard Category 1 	
Skin Sens.	
	ute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1
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Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1 Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3 **Sources** SDS Prepared by: ChemTel Inc. 1305 North Florida Avenue Tampa, Florida USA 33602-2902 Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573 Website: www.chemtelinc.com