

Coe Soft Liquid

MATERIAL SAFETY DATA SHEET

Number:**Date prepared:** January 10, 2011**Date Revised:****1. Chemical Product and Company Identification****Product code:** -**Product name:** Coe Soft Liquid**Company Identification:**GC America Inc., 3737 W. 127th Street, Alsip, IL 60803

Phone 1-708-597-0900

2. Composition/Data on Components**· Chemical characterization****· Description:** Mixture: consisting of the following components.**· Dangerous components:**

CAS: 118-58-1 Benzyl salicylate Warning: 3.4.S/1 36.9%

CAS: 64-17-5

EINECS: 200-578-6

ethyl alcohol Danger: 2.6/2 14.06%

3. Hazards Identification**· Hazard description:**

Irritant

Highly flammable

· Information pertaining to particular dangers for man and environment:

The product has to be labeled due to the calculation procedure of international guidelines.

Highly flammable.

May cause sensitization by skin contact.

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

Health = 0

Fire = 3

Reactivity = 0

· HMIS-ratings (scale 0 - 4)

Health = 0

Fire = 3

Reactivity = 0

· GHS label elements**Danger**

2.6/2 - Highly flammable liquid and vapour.

Warning

3.4/1 - May cause an allergic skin reaction.

· Prevention:

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

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

Avoid breathing dust/fume/gas/mist/vapours/spray.

Coe Soft Liquid

· **Response:**

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

· **Disposal:**

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

4. First Aid Measures· **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** *Immediately wash with water and soap and rinse thoroughly.*

· **After eye contact:** *Rinse opened eye for several minutes under running water.*

· **After swallowing:** *If symptoms persist consult doctor.*

5. Fire Fighting Measures

· **Suitable extinguishing agents:** *CO₂, sand, extinguishing powder. Do not use water.*

· **For safety reasons unsuitable extinguishing agents:**

Water

Water with full jet

· **Protective equipment:** *No special measures required.*

6. Accidental Release Measures

· **Person-related safety precautions:** *Wear protective equipment. Keep unprotected persons away.*

· **Measures for environmental protection:**

Prevent seepage into sewage system, workpits and cellars.

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

· **Measures for cleaning/collecting:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

7. Handling and Storage

· **Handling:**

· **Information for safe handling:**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

· **Information about protection against explosions and fires:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

· **Storage:**

· **Requirements to be met by storerooms and receptacles:** *Store in a cool location.*

· **Information about storage in one common storage facility:** *Not required.*

· **Further information about storage conditions:**

Keep receptacle tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

8. Exposure Controls and personal Protection

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

64-17-5 ethyl alcohol

PEL () 1900 mg/m³, 1000 ppm

REL () 1900 mg/m³, 1000 ppm

TLV () Short-term value: 1880 mg/m³, 1000 ppm

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Coe Soft Liquid

· Breathing equipment:

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

· Protection of hands:

Protective gloves

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

· Eye protection:

Tightly sealed goggles

9. Physical and Chemical Properties**· General Information**

Form: Fluid

Color: According to product specification

Odor: Characteristic

· Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 78°C (172°F)

· Flash point: 13°C (55°F)

· Ignition temperature: 425°C (797°F)

· Auto igniting: Product is not self-igniting.

· Danger of explosion: Product does not present an explosion hazard.

· Explosion limits:

Lower: 3.5 Vol %

Upper: 15.0 Vol %

· Vapor pressure at 20°C (68°F): 59 hPa (44 mm Hg)

· Density: Not determined.

· Solubility in / Miscibility with

Water: Soluble.

· Solvent content:

Organic solvents: 14.8 %

VOC content: 14.8 %

· Solids content: 84.9 %

10. Stability and Reactivity

· Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

· Dangerous reactions: No dangerous reactions known.

· Dangerous products of decomposition: No dangerous decomposition products known.

11. Toxicological Information**· Acute toxicity:****· Primary irritant effect:**

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

· Sensitization: Sensitization possible through skin contact.

· Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

12. Ecological Information**· General notes:**

Water hazard class 2 (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.

13. Disposal Considerations**· Product:****· Recommendation:**

Coe Soft Liquid

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

· **Uncleaned packaging:**

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

14. Transport Information

· **DOT regulations:**

· **Hazard class:** 3

· **Identification number:** UN1993

· **Packing group:** II

· **Proper shipping name (technical name):** FLAMMABLE LIQUID, N.O.S. (ETHANOL SOLUTION, ISOPROPYL ALCOHOL)

· **Label 3**

· **Land transport ADR/RID (cross-border):**

· **ADR/RID class:** 3 (F1) Flammable liquids

· **Danger code (Kemler):** 33

· **UN-Number:** 1993

· **Packaging group:** II

· **Label:** 3

· **Description of goods:** 1993 FLAMMABLE LIQUID, N.O.S. (ETHANOL SOLUTION, ISOPROPYL ALCOHOL)

· **Maritime transport IMDG:**

· **IMDG Class:** 3

· **UN Number:** 1993

· **Label 3**

· **Packaging group:** II

· **EMS Number:** F-E, S-E

· **Marine pollutant:** No

· **Proper shipping name:** FLAMMABLE LIQUID, N.O.S. (ETHANOL SOLUTION, ISOPROPYL ALCOHOL)

· **Air transport ICAO-TI and IATA-DGR:**

· **ICAO/IATA Class:** 3

· **UN/ID Number:** 1993

· **Label 3**

· **Packaging group:** II

· **Proper shipping name:** FLAMMABLE LIQUID, N.O.S. (ETHANOL SOLUTION, ISOPROPYL ALCOHOL)

· **UN "Model Regulation":** UN1993, FLAMMABLE LIQUID, N.O.S., 3, II

15. Regulations

· **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**

67-63-0 isopropyl alcohol

· **TSCA (Toxic Substances Control Act):**

77-90-7 tributyl O-acetylcitrate

118-58-1 Benzyl salicylate

64-17-5 ethyl alcohol

67-63-0 isopropyl alcohol

119-36-8 methyl salicylate

· **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.

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

64-17-5 ethyl alcohol

Coe Soft Liquid

· Carcinogenicity categories**· EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· IARC (International Agency for Research on Cancer)

67-63-0 isopropyl alcohol 3

· NTP (National Toxicology Program)

None of the ingredients is listed.

· TLV (Threshold Limit Value established by ACGIH)

64-17-5 ethyl alcohol A3

67-63-0 isopropyl alcohol A4

· MAK (German Maximum Workplace Concentration)

64-17-5 ethyl alcohol 5

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

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

· Product related hazard information:

The product has been classified and marked in accordance with directives on hazardous materials.

· Hazard symbols:

Irritant

Highly flammable

· Hazard-determining components of labeling:

Benzyl salicylate

· Risk phrases:

Highly flammable.

May cause sensitization by skin contact.

· Safety phrases:

Keep container in a well-ventilated place.

Keep away from sources of ignition - No smoking.

Do not breathe gas/fumes/vapour/spray.

Avoid contact with skin.

Wear suitable gloves.

This material and its container must be disposed of as hazardous waste.

· Water hazard class: Water hazard class 2 (Self-assessment): hazardous for water.

16. Other Information**· Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)