

**SAFETY DATA SHEET**  
**SURFASOLVE CLEANER™**



**1. PRODUCT AND COMPANY DESCRIPTION**

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**MANUFACTURER:** 21<sup>st</sup> Century Chemical, Inc.  
2960 SW 23<sup>rd</sup> Terrace,  
Dania Beach, Florida 33312

**FOR EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CONTACT:**  
21<sup>st</sup> Century Chemical, Inc. at 772-834-3947

**FOR PRODUCT INFORMATION:** 954-689-7111

**PRODUCT STATUS:** UN Non-regulated, No HAPS, No Ingredients designated by IARC, NTP, or ACGIH as probable or suspected human carcinogen. This product is non-regulated / non-restricted per current Department of Transportation and International Air Transport Association regulations

**CHEMICAL NAME OR SYNONYM:** SURFASOLVE CLEANER™,

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

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Proprietary mixture containing Plant esters, Surfactants, and other non-hazardous ingredients.

**3. HAZARDOUS IDENTIFICATION**

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**A. EMERGENCY OVERVIEW:**

**PHYSICAL APPEARANCE AND ODOR:** Clear liquid, characteristic type odor

**B. POTENTIAL HEALTH EFFECTS:**

**ACUTE EYE:** No evidence of adverse effects

**ACUTE SKIN:** No evidence of adverse effects

**ACUTE INHALATION:** No evidence of adverse effects

**ACUTE INGESTION:** No evidence of adverse effects

**CHRONIC EFFECTS:** There is no evidence of additional adverse effects from available information.

#### 4. FIRST AID MEASURES

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##### **FIRST AID MEASURES FOR ACCIDENTAL OVEREXPOSURE:**

**EYE EXPOSURE:** Hold eyelids open and flush with a steady, gentle stream of water for several minutes should be more than sufficient.

**SKIN EXPOSURE:** Wash with plenty of water to neutralize and remove.

**INHALATION:** If respiratory irritation or distress occurs remove to fresh air.

**INGESTION:** Give 1-2 glasses of water.

**NOTES TO PHYSICIAN:** All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to other materials than this product may have occurred in the likely environment used in.

Treat symptomatically. Water will immediately begin to neutralize material.

#### 5. FIRE FIGHTING MEASURES

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##### **FIRE HAZARD DATA:**

**FLASH POINT:** Greater than 202° F

**METHOD USED:** Pensky-Martens Closed Cup

**FLAMMABILITY LIMITS:** N/A

**EXTINGUISHING MEDIA:** Water Spray, Universal Foam

**SPECIAL FIRE FIGHTING PROCEDURES:** N/A

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None Known

**HAZARDOUS DECOMPOSITION MATERIALS (UNDER FIRE CONDITIONS):** Oxides of carbon

#### 6. ACCIDENTAL RELEASE MEASURES

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**EVACUATION PROCEDURES AND SAFETY:** N/A

**CONTAINMENT OF SPILL:** Collect and contain contaminated absorbent and dike material for disposal.

**CLEANUP AND DISPOSAL OF SPILL:** Absorb with an inert absorbent. Scrape up and place in appropriate container. Clean up residual material by washing area with water. Collect washing for disposal.

## 7. HANDLING AND STORAGE

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**MINIMUM/MAXIMUM STORAGE TEMPERATURES:** Avoid extreme temperatures.

**HANDLING:** No special requirements.

**STORAGE:** Store in closed containers under normal conditions.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**INTRODUCTORY REMARKS:** These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures,

**ENGINEERING CONTROLS:** No special requirements.

**RESPIRATORY PROTECTION:** For reasonably foreseeable industrial end uses of this material, respiratory protection should not be necessary. SURFASOLVE Cleaner has a very low vapor pressure and therefore airborne concentrations should never reach unsafe limits at normal ambient use in open spaces. If this product is heated or used in enclosed spaces, a suitable chemical cartridge respirator designed for organic fumes should be used.

**EYE/FACE PROTECTION:** Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices..

It is generally regarded as good practice to wear a minimum of safety glasses with side shields when working in industrial environments.

**SKIN PROTECTION:** Skin contact should be minimized through use of gloves and suitable long sleeved clothing depending on the hazard level of what is being cleaned in the product. Consideration must be given both to durability as well as permeation resistance. Latex type gloves should be used, avoid nitrile type gloves as they will quickly degrade.

**WORK PRACTICE CONTROLS:** Personal hygiene is an important work practice, exposure control measures and the following general measures should be taken when working with or handling this material.

1. Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is used or stored.
2. Wash hands and face carefully before eating, drinking, using tobacco products, applying cosmetics, or using the toilet.
3. Wash exposed skin with water to remove excess material.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Physical and chemical properties represented here are typical for this product.

**PHYSICAL APPEARANCE:** Clear Liquid

**ODOR:** Characteristic odor

**pH** 6.9 –7.2

**SPECIFIC GRAVITY** 1.02 at 70° F

**WATER SOLUBILITY:** Complete

**MELTING POINT RANGE:** Not applicable

**FREEZING POINT RANGE:** -40° F

**VAPOR PRESSURE:** Ultra Low < .01 mmHg

**EVAPORATION RATE:** < 1 (Butyl Acetate = 1)

## 10. STABILITY AND REACTIVITY

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**CHEMICAL STABILITY:** This material is stable under normal handling and storage conditions and requires no other special or specific handling techniques.

**CONDITIONS TO BE AVOIDED:** Extreme Heat

**MATERIALS/CHEMICALS TO BE AVOIDED:** None Known

**THE FOLLOWING HAZARDOUS DECOMPOSITION PRODUCTS MIGHT BE EXPECTED:** None known

**DECOMPOSITION TYPE:** Thermal oxides of carbon

**HAZARDOUS POLYMERIZATION WILL NOT OCCUR**

## 11. TOXICOLOGICAL INFORMATION

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**ACUTE EYE IRRITATION:** May cause irritation

**ACUTE SKIN IRRITATION:** None Found

**ACUTE DERMAL TOXICITY:** None found

**ACUTE RESPIRATORY IRRITATION:** None Found

**TOXICOLOGICAL INFORMATION AND INTERPRETATION – MUTAGENICITY,** Ames Test: Negative

## 12. ECOLOGICAL INFORMATION

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**ECOTOXICOLOGICAL INFORMATION:** Non-Toxic

**CHEMICAL FATE INFORMATION:** Readily biodegradable

## 13. DISPOSAL CONSIDERATIONS

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**WASTE DISPOSAL METHOD:** Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate or otherwise inappropriate.

Within the present knowledge of the manufacturer, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

## 14. TRANSPORTATION INFORMATION

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**TRANSPORTATION STATUS:** UN Proper Shipping Name: NOT REGULATED

**SPECIAL PROVISIONS:** None

## 15. REGULATORY INFORMATION

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**EU REGULATIONS:** This product is determined as not being dangerous according to the requirements of the DPD.

**RISK PHRASES:** This product is not classified according to EU legislation.

## 16. OTHER INFORMATION

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**Disclaimer:**

The information herein is given in good faith but to no warranty, expressed or implied, is made.

Prepared 3-2012  
Revised 12-2013