SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION & COMPANY INFORMATION

PRODUCT: Window Cleaner – Ready-To-Use (R.T.U.)

ITEM: 81212 – 81201 – 81205 - 81230 - 81255

DATE ISSUED :	5/26/2015
SDS REF. No :	812

MANUFACTURER BY:
Chemcor Chemical Corp.
13770 Benson Avenue
Chino, CA 91710

24 HR. EMERGENCY TELEPHONE NUMBER:
INFOTRAC (US Transportation): (800) 535-5053
NON-EMERGENCY TELEPHONE NUMBER:
(909) 590-7234

2. HAZARDS INGREDIENTS & IDENTIFICATION

GHS CLASSIFICATION:

Product AS SOLD
Eye irritation — Category 2B

Product AT USE DILUTION
Not a hazardous substance or mixture

GHS LABEL ELEMENT

Product AS SOLD
Signal Word — Warning

Hazard statements: Causes eye irritation

PRECAUTIONARY STATEMENTS:
PREVENTION: Wash skin thoroughly after handling.
RESPONSE: Get medical advice/attention if you feel unwell.
If in EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

OTHER HAZARDS: None known.

STORAGE: Store in accordance to local regulations.
DISPOSAL METHOD: Dispose of in accordance with all Local, State and Federal regulations.
EMPTY CONTAINER: Nonrefillable container. Do not reuse or refill container. Before discarding container, rinse thoroughly with water.

3. PHYSICAL DATA/COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	CAS Number	OSHA PEL	ACGIH TLV
None	N/A	N/A	N/A

4. HEALTH HAZARD DATA & FIRST AID MEASURES

EYES : Rinse with plenty of water.
SKIN : Rinse with plenty of water.
INGESTION : Rinse mouth. Get medical attention if symptoms occur.
INHALATION : Get medical attention if symptoms occur.
NOTES TO PHYSICIAN: Treat symptomatically.

5. FIRE FIGHTING & EXPLOSION DATA/MEASURES

SUITABLE EXTENGUISHING MEDIA: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water, Carbon Dioxide, Dry Chemical, Foam.
UNSUITABLE EXTENGUISHING MEDIA: None Known
SPECIFIC HAZARDS DURING FIRE FIGHTING: Not flammable or combustible.
HAZARDOUS COMBUSTION PRODUCTS: None Known
FIRE FIGHTING EQUIPMENT : Avoid breathing of vapors. Apply water spray to cool fire-exposed containers and structures. Use water spray to disperse vapors. Use Self Contained Breathing Apparatus (SCBA) or NIOSH approved respirator and protective clothing.
SPECIAL EXTINGUISHING: Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of and/or explosion do not breathe fumes.
OTHER CONSIDERATIONS : Contains Alcohol

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PRODCDURES: Wear protective equipment as needed. Refer to protective measures listed in sections 7 and 8.
METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: To contain spilled material, dike area involved. Remove source of ignition and provide ventilation. To absorb product, use porous material such as diatomaceous earth, sand or a commercial absorbent. Using a shovel, place into leak proof containers.
WATER DISPOSAL METHOD: Dispose of according to local, state and federal regulations. Wear protective equipment as needed.
ENVIRONMENTAL PRECAUTIONS: Do not allow contact with soil, surface or ground water.

7. PRECAUTIONS FOR SAFE HANDLING/STORAGE/USE

SAFE HANDLING: Wash hands thoroughly after handling.
GENERAL PROCEDURES : Store in original container in an upright position in a cool, dry area inaccessible to children and pets. Keep away from direct sunlight and freezing conditions. Do not store near oxidizers, alkalies, acids and bleach. Do not mix with other chemicals.
STORAGE TEMPERATURE: 0 °C to 50 °C

8. EXPOSURE CONTROLS\PERSONAL PROTECTION (PPE)

INGREDIENTS WITH WORKPLACE CONTROL PARAMETERS

Hazardous Components	CAS Number	Form of Exposure	Permissible Concentration
None	N/A	N/A	N/A

OSHA TABLE COMMENTS: NL = Not Listed
ENGINEERING CONTROLS: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

PERSONAL PROTECTIVE EQUIPMENT:
EYES AND FACE: No special protective equipment required.
HAND: No special protective equipment required.
SKIN: No special protective equipment required.
RESPIRATORY: No personal respiratory protective equipment normally required.
WORK HYGIENIC PRACTICES: Avoid accidental spills on skin, wash after use. Wash contaminated clothing prior to reuse.
OTHER USE PRECAUTIONS: Have clean water available for washing. Provide adequate ventilation or use mechanical devices.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPERANCE/PHYSICAL STATE: Liquid
COLOR: Clear Blue
ODOR: Slight Ammonia
pH: 10.5
FLASH POINT: 212°F w/ H_2O
ODOR THRESHOLD: No Data Available
MELTING POINT/FREEZING POINT: No Data Available
BOILING POINT: 212°F
EVAPORATION RATE: (Water=1):>1 (faster than water)
FLAMMABILITY (SOLID, GAS): No Data Available
UPPER EXPLOSION LIMIT: No Data Available
SPECIFIC GRAVITY: (H_2O=1): .98
LOWER EXPLOSION LIMIT: No Data Available
VAPOR PRESSURE: No Data Available
RELATIVE VAPOR DENSITY: (Air=1):>1 (heavier than air)
RELATIVE DENSITY: No Data Available
WATER SOLUBILITY: 100%
SOLUBIILITY IN OTHER SOLVENTS: No Data Available
PARTITION COEFFICIENT: N-OCTANOLI/WATER: No Data Available
AUTOIGNITION TEMPERATURE: No Data Available
THERMAL DECOMPOSITION: No Data Available
VISCOSITY, KINEMATIC: No Data Available
EXPLOSIVE PROPERTIES: No Data Available
OXIDIZING PROPERTIES: No Data Available
MOLECULAR WEIGHT: No Data Available
VOC: No Data Available

10. STABILITY AND REACTIVITY

STABILITY : Stable
HAZARDOUS POLYMERIZATION : Will NOT Occur
CONDITIONS TO AVOID : Avoid contact with open flame, strong oxidizing agents, ignition sources, and poor ventilation. Keep from freezing.

POLYMERIZATION :	**Will NOT Occur**
HAZARDOUS DECOMPOSITION PRODUCTS:	**CO, CO_2, Nitrogen**
INCOMPATIBLE MATERIALS :	**Strong oxidizers, strong organic acids & bleach**

11. TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE: **Inhalation, Ingestion, Eye contact, Skin contact.**

POTENTIAL HEALTH EFFECTS:

EYES:	**Causes eye irritation.**
SKIN:	**Health injuries are not known or expected under normal use.**
INGESTION:	**Health injuries are not known or expected under normal use.**
INHALATION:	**Health injuries are not known or expected under normal use.**
CHRONIC EXPOSURE:	**Health injuries are not known or expected under normal use.**

EXPERIENCE WITH HUMAN EXPOSURE:

EYE CONTACT:	**Redness, Irritation**
SKIN CONTACT:	**No symptoms known or expected.**
INGESTION:	**No symptoms known or expected.**
INHALATION:	**No symptoms known or expected.**

TOXICITY

ACUTE ORAL TOXICITY:	**No Data Available**
ACUTE INHALATION TOXICITY:	**No Data Available**
ACUTE DERMAL TOXICITY:	**No Data Available**
SKIN CORROSION/IRRITATION:	**No Data Available**
SERIOUS EYE DAMAGE/EYE IRRITATION:	**No Data Available**
RESPIRATORY OR SKIN SENSITIZATION:	**No Data Available**
CARCINOGENICITY:	**No Data Available**
REPRODUCTIVE EFFECTS:	**No Data Available**
GERM CELL MUTAGENICITY:	**No Data Available**
TERATOGENICITY:	**No Data Available**
STOT-SINGLE EXPOSURE:	**No Data Available**
STOT-REPEATED EXPOSURE:	**No Data Available**
ASPIRATION TOXICITY:	**No Data Available**
GENERAL COMMENTS:	**No Data Available**

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This product has no known ecotoxicological effects. Non Identified

PRODUCT
TOXICITY TO FISH:
No Data Available
TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES:
No Data Available
TOXICITY TO ALGAE:
No Data Available

INGREDIENTS
TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES:
No Data Available
PERSISTENCE AND DEGRADABILITY:
No Data Available
BIOACCUMULATIVE POTENTIAL:
No Data Available
MOBILITY IN SOIL:
No Data Available
OTHER ADVERSE EFFECTS:
No Data Available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with all Local, State and Federal regulations.
EMPTY CONTAINER: Nonrefillable container. Do not reuse or refill container. Before discarding container, rinse thoroughly with water.
RCRA/EPA WASTE INFORMATION: N/A

14. TRANSPORT INFORMATION

THE SHIPPER/CONSIGNOR/SENDER IS RESPONSIBLE TO ENSURE THAT THE PACKAGING, LABELING, AND MARKINGS ARE IN COMPLIANCE WITH THE SELECTED MODE OF TRANSPORT.

DOT (DEPARTMENT OF TRANSPORTATION)
LAND TRANSPORT:
Not dangerous goods

SEA TRANSPORT (IMDG/IMO):
Not dangerous goods

15. REGULATORY INFORMATION

EPCRA – EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW
CERCLA REPORTABLE QUANTITY

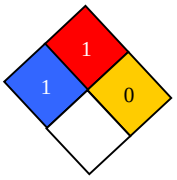
Hazardous Components	CAS Number	Component RQ (Lbs.)	Calculated Component RQ (lbs.)
None	N/A	N/A	N/A

UNITED STATES:
SARA (SUPERFUND AMENDMENRS AND REAUTHORIZATION ACT)
SARA 304 EXTREMLY HAZARDOUS SUBSTANCES REPORTABLE QUANTITY:
This material does not contain any components with a section 304 EHS RQ.
SARA 311/312 Hazards:
Acute Health Hazard
SARA 302:
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313:
SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
CALIFORNIA PROP 65
This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

16. OTHER INFORMATION

HMIS RATING		
Health :	1	HMISH
Flammability :	1	HMISF
Reactivity :	0	HMISR
Personal Protection :		HMISP

NFPA



MANUFACTURER DISCLAIMER : We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.

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GHS CLASSIFICATION:

Product AS SOLD
Eye irritation — Category 2B

Product AT USE DILUTION
Not a hazardous substance or mixture

GHS LABEL ELEMENT

Product AS SOLD
Signal Word — Warning

Hazard statements: Causes eye irritation

PRECAUTIONARY STATEMENTS:
PREVENTION: Wash skin thoroughly after handling.
RESPONSE: Get medical advice/attention if you feel unwell.
If in EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

OTHER HAZARDS: None known.

STORAGE: Store in accordance to local regulations.
DISPOSAL METHOD: Dispose of in accordance with all Local, State and Federal regulations.
EMPTY CONTAINER: Nonrefillable container. Do not reuse or refill container. Before discarding container, rinse thoroughly with water.

3. PHYSICAL DATA/COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	CAS Number	OSHA PEL	ACGIH TLV
None	N/A	N/A	N/A

4. HEALTH HAZARD DATA & FIRST AID MEASURES

EYES : Rinse with plenty of water.
SKIN : Rinse with plenty of water.
INGESTION : Rinse mouth. Get medical attention if symptoms occur.
INHALATION : Get medical attention if symptoms occur.
NOTES TO PHYSICIAN: Treat symptomatically.

5. FIRE FIGHTING & EXPLOSION DATA/MEASURES

SUITABLE EXTENGUISHING MEDIA: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water, Carbon Dioxide, Dry Chemical, Foam.
UNSUITABLE EXTENGUISHING MEDIA: None Known
SPECIFIC HAZARDS DURING FIRE FIGHTING: Not flammable or combustible.
HAZARDOUS COMBUSTION PRODUCTS: None Known
FIRE FIGHTING EQUIPMENT : Avoid breathing of vapors. Apply water spray to cool fire-exposed containers and structures. Use water spray to disperse vapors. Use Self Contained Breathing Apparatus (SCBA) or NIOSH approved respirator and protective clothing.
SPECIAL EXTINGUISHING: Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of and/or explosion do not breathe fumes.
OTHER CONSIDERATIONS : Contains Alcohol

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PRODCDURES: Wear protective equipment as needed. Refer to protective measures listed in sections 7 and 8.
METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: To contain spilled material, dike area involved. Remove source of ignition and provide ventilation. To absorb product, use porous material such as diatomaceous earth, sand or a commercial absorbent. Using a shovel, place into leak proof containers.
WATER DISPOSAL METHOD: Dispose of according to local, state and federal regulations. Wear protective equipment as needed.
ENVIRONMENTAL PRECAUTIONS: Do not allow contact with soil, surface or ground water.

7. PRECAUTIONS FOR SAFE HANDLING/STORAGE/USE

SAFE HANDLING: Wash hands thoroughly after handling.
GENERAL PROCEDURES : Store in original container in an upright position in a cool, dry area inaccessible to children and pets. Keep away from direct sunlight and freezing conditions. Do not store near oxidizers, alkalies, acids and bleach. Do not mix with other chemicals.
STORAGE TEMPERATURE: 0 °C to 50 °C

8. EXPOSURE CONTROLS\PERSONAL PROTECTION (PPE)

INGREDIENTS WITH WORKPLACE CONTROL PARAMETERS

Hazardous Components	CAS Number	Form of Exposure	Permissible Concentration
None	N/A	N/A	N/A

OSHA TABLE COMMENTS: NL = Not Listed
ENGINEERING CONTROLS: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

PERSONAL PROTECTIVE EQUIPMENT:
EYES AND FACE: No special protective equipment required.
HAND: No special protective equipment required.
SKIN: No special protective equipment required.
RESPIRATORY: No personal respiratory protective equipment normally required.
WORK HYGIENIC PRACTICES: Avoid accidental spills on skin, wash after use. Wash contaminated clothing prior to reuse.
OTHER USE PRECAUTIONS: Have clean water available for washing. Provide adequate ventilation or use mechanical devices.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPERANCE/PHYSICAL STATE: Liquid
COLOR: Clear Blue
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pH: 10.5
FLASH POINT: 212°F w/ H_2O
ODOR THRESHOLD: No Data Available
MELTING POINT/FREEZING POINT: No Data Available
BOILING POINT: 212°F
EVAPORATION RATE: (Water=1):>1 (faster than water)
FLAMMABILITY (SOLID, GAS): No Data Available
UPPER EXPLOSION LIMIT: No Data Available
SPECIFIC GRAVITY: (H_2O=1): .98
LOWER EXPLOSION LIMIT: No Data Available
VAPOR PRESSURE: No Data Available
RELATIVE VAPOR DENSITY: (Air=1):>1 (heavier than air)
RELATIVE DENSITY: No Data Available
WATER SOLUBILITY: 100%
SOLUBIILITY IN OTHER SOLVENTS: No Data Available
PARTITION COEFFICIENT: N-OCTANOLI/WATER: No Data Available
AUTOIGNITION TEMPERATURE: No Data Available
THERMAL DECOMPOSITION: No Data Available
VISCOSITY, KINEMATIC: No Data Available
EXPLOSIVE PROPERTIES: No Data Available
OXIDIZING PROPERTIES: No Data Available
MOLECULAR WEIGHT: No Data Available
VOC: No Data Available

10. STABILITY AND REACTIVITY

STABILITY : Stable
HAZARDOUS POLYMERIZATION : Will NOT Occur
CONDITIONS TO AVOID : Avoid contact with open flame, strong oxidizing agents, ignition sources, and poor ventilation. Keep from freezing.

POLYMERIZATION :	**Will NOT Occur**
HAZARDOUS DECOMPOSITION PRODUCTS:	**CO, CO_2, Nitrogen**
INCOMPATIBLE MATERIALS :	**Strong oxidizers, strong organic acids & bleach**

11. TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE: **Inhalation, Ingestion, Eye contact, Skin contact.**

POTENTIAL HEALTH EFFECTS:

EYES:	**Causes eye irritation.**
SKIN:	**Health injuries are not known or expected under normal use.**
INGESTION:	**Health injuries are not known or expected under normal use.**
INHALATION:	**Health injuries are not known or expected under normal use.**
CHRONIC EXPOSURE:	**Health injuries are not known or expected under normal use.**

EXPERIENCE WITH HUMAN EXPOSURE:

EYE CONTACT:	**Redness, Irritation**
SKIN CONTACT:	**No symptoms known or expected.**
INGESTION:	**No symptoms known or expected.**
INHALATION:	**No symptoms known or expected.**

TOXICITY

ACUTE ORAL TOXICITY:	**No Data Available**
ACUTE INHALATION TOXICITY:	**No Data Available**
ACUTE DERMAL TOXICITY:	**No Data Available**
SKIN CORROSION/IRRITATION:	**No Data Available**
SERIOUS EYE DAMAGE/EYE IRRITATION:	**No Data Available**
RESPIRATORY OR SKIN SENSITIZATION:	**No Data Available**
CARCINOGENICITY:	**No Data Available**
REPRODUCTIVE EFFECTS:	**No Data Available**
GERM CELL MUTAGENICITY:	**No Data Available**
TERATOGENICITY:	**No Data Available**
STOT-SINGLE EXPOSURE:	**No Data Available**
STOT-REPEATED EXPOSURE:	**No Data Available**
ASPIRATION TOXICITY:	**No Data Available**
GENERAL COMMENTS:	**No Data Available**

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This product has no known ecotoxicological effects. Non Identified

PRODUCT
TOXICITY TO FISH:
No Data Available
TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES:
No Data Available
TOXICITY TO ALGAE:
No Data Available

INGREDIENTS
TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES:
No Data Available
PERSISTENCE AND DEGRADABILITY:
No Data Available
BIOACCUMULATIVE POTENTIAL:
No Data Available
MOBILITY IN SOIL:
No Data Available
OTHER ADVERSE EFFECTS:
No Data Available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with all Local, State and Federal regulations.
EMPTY CONTAINER: Nonrefillable container. Do not reuse or refill container. Before discarding container, rinse thoroughly with water.
RCRA/EPA WASTE INFORMATION: N/A

14. TRANSPORT INFORMATION

THE SHIPPER/CONSIGNOR/SENDER IS RESPONSIBLE TO ENSURE THAT THE PACKAGING, LABELING, AND MARKINGS ARE IN COMPLIANCE WITH THE SELECTED MODE OF TRANSPORT.

DOT (DEPARTMENT OF TRANSPORTATION)
LAND TRANSPORT:
Not dangerous goods

SEA TRANSPORT (IMDG/IMO):
Not dangerous goods

15. REGULATORY INFORMATION

EPCRA – EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW
CERCLA REPORTABLE QUANTITY

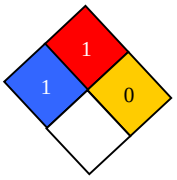
Hazardous Components	CAS Number	Component RQ (Lbs.)	Calculated Component RQ (lbs.)
None	N/A	N/A	N/A

UNITED STATES:
SARA (SUPERFUND AMENDMENRS AND REAUTHORIZATION ACT)
SARA 304 EXTREMLY HAZARDOUS SUBSTANCES REPORTABLE QUANTITY:
This material does not contain any components with a section 304 EHS RQ.
SARA 311/312 Hazards:
Acute Health Hazard
SARA 302:
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313:
SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
CALIFORNIA PROP 65
This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

16. OTHER INFORMATION

HMIS RATING		
Health :	1	HMISH
Flammability :	1	HMISF
Reactivity :	0	HMISR
Personal Protection :		HMISP

NFPA



MANUFACTURER DISCLAIMER : We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.