INNOVATIVE CHEMICAL CORPORATION

7769 95th Street South
Cottage Grove, MN 55016

SAFETY DATA SHEET

Revision Date: 8/7/2015
Emergency Phone: 1-800-535-5053 (Infotrac)

Section 1: Identification

Product Name: Drying Agent
Code: 98PDA00
Chemical Type: Liquid

Manufacturer/Supplier:
Innovative Chemical Corporation
7769 95th Street South
Cottage Grove, MN 55016
651-649-1762

Section 2: Hazard(s) Identification

GHS Classification

Flammable liquids	Category 4
Acute toxicity (Oral)	Category 4
Skin corrosion	Category 1B
Serious eye damage	Category 1
Aspiration hazard	Category 1

Label elements

Signal word: Danger
Hazard statements: Combustible liquid.
Harmful if swallowed.
May be fatal if swallowed and enters airways.
Causes severe skin burns and eye damage.

Precautionary Statements

Prevention: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response: IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician. 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 or doctor/ physician. Wash contaminated clothing before reuse. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage: Store in a well-ventilated place. Keep cool. Store locked up.

Disposal: Dispose of contents/container in accordance with local regulation.

Carcinogenicity:

IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH	Confirmed animal carcinogen with unknown relevance to humans 2-butoxyethanol 111-76-2
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Section 3: Composition/Information on Ingredients

Substance or mixture: Mixture

Other means of identification: Not available.

CAS number/other identifiers

CAS number: Not applicable.

Hazardous Components		
Chemical Name	**%weight**	**CAS**
Distillates (petroleum), hydrotreated middle	30-50	64742-46-7
Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides	20-30	61789-77-3
Amines, tallow alkyl, ethoxylated	10-20	61791-26-2
2-butoxyethanol	5-10	111-76-2
propan-2-ol	5-10	67-63-0

Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational limits, if available are listed in Section 8.

Section 4: First-Aid Measures

Description of first aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.
If inhaled	If unconscious place in recovery position and seek medical advice. If inhaled, remove to fresh air.
In case of skin contact	If on skin, rinse well with water. If on clothes, remove clothes. Get medical attention if irritation develops and persists.
In case of eye contact	Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical advice.
If swallowed	Keep respiratory tract clear. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

See toxicological information (Section 11)

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media	Carbon dioxide (CO2) Foam
Unsuitable extinguishing media	High volume water jet
Hazardous combustion products	Carbon dioxide (CO2) Carbon monoxide Smoke
Specific extinguishing methods	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Further information	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions, protective equipment and emergency procedures	Use personal protective equipment. Ensure adequate ventilation.
Environmental precautions	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

Precautions for safe handling

Advice on safe handling	Avoid formation of aerosol. Do not breathe vapours/dust. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.
Conditions for safe storage	No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.
Materials to avoid	Keep away from oxidising agents and strongly acid or alkaline materials.

Section 8: Exposure Controls/Personal Protection

Control parameters

Components with workplace control parameters

Components	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
2-butoxyethano	TWA	20 ppm	ACGIH
	TWA	5 ppm 24 mg/m3	NIOSH REL
	TWA	50 ppm 240 mg/m3	OSHA Z-1
	TWA	25 ppm 120 mg/m3	OSHA P0
propan-2-ol	TWA	200 ppm	ACGIH
	STEL	400 ppm	ACGIH
	TWA	400 ppm 980 mg/m3	NIOSH REL
	ST	500 ppm 1,225 mg/m3	NIOSH REL
	TWA	400 ppm 980 mg/m3	OSHA Z-1
	TWA	400 ppm 980 mg/m3	OSHA P0
	STEL	500 ppm 1,225 mg/m3	OSHA P0

Biological occupational exposure limits

Component	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
2-BUTOXYETHANOL	Butoxyacetic acid (BAA)	Urine	End of shift (As soon as possible after exposure ceases)	200 mg/g	ACGIH BEI
Remarks: Creatinine					
PROPAN-2-OL	Acetone	Urine	End of shift at end of workweek	40 mg/l	ACGIH BEI

Personal protective equipment

Respiratory protection	No personal respiratory protective equipment normally required.
Hand protection Remarks	The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection	Eye wash bottle with pure water Tightly fitting safety goggles Wear face-shield and protective suit for abnormal processing problems.
Skin and body protection	Impervious clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Protective measures	Wear suitable protective equipment. Avoid contact with skin. When using do not eat, drink or smoke.
Hygiene measures	When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

Section 9: Physical and Chemical Properties

Physical state	Liquid
Color	Clear
Odor	No Scent
Odor threshold	Not available
pH	Not available
Boiling Point	> 100 °C
Flash Point	65.6 °C Method: closed cup
Evaporation rate	Not available
Upper explosion limit	Not available
Lower explosion limit	Not available
Vapor pressure	Not available
Relative vapour density	Not available
Density	0.86 - 0.89 g/cm3
Solubility	Not available
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	not determined
Thermal decomposition	Not available
Viscosity	Not available

Section 10: Stability and Reactivity

Reactivity:	Stable
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	No decomposition if stored and applied as directed.
Conditions to avoid:	Heat, flames and sparks.

Incompatible materials: no data available

Hazardous decomposition products: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

Section 11: Toxicological Information

Acute toxicity

Acute oral toxicity	Acute toxicity estimate : 1,670 mg/kg Method: Calculation method
Acute inhalation toxicity	Acute toxicity estimate : > 40 mg/l Exposure time: 4 h Test atmosphere: vapour Method: Calculation method
Acute dermal toxicity	Acute toxicity estimate : > 5,000 mg/kg Method: Calculation method

Skin corrosion/irritation

Remarks	Extremely corrosive and destructive to tissue.

Serious eye damage/eye irritation

Remarks	May cause irreversible eye damage.

Respiratory or skin sensitisation

Not available

Germ cell mutagenicity

Not available

Carcinogenicity

Not available

Reproductive toxicity

Not available

Distillates (petroleum), hydrotreated middle:
Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides:
Amines, tallow alkyl, ethoxylated:
2-butoxyethanol:
propan-2-ol:

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration toxicity
Not available

Further information
Solvents may degrease the skin.

Section 12: Ecological information

Ecotoxicity
Not available.

Persistence and degradability
Not available.

Bioaccumulative potential

Partition coefficient	Remarks
noctanol/water	no data available

Mobility in soil
Soil/water partition coefficient (K_{OC}): no data available

Other adverse effects: no data available

Regulation	40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
Remarks	This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
Additional ecological information	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Toxic to aquatic life.

Section 13: Disposal considerations

Waste from residues

The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with local regulations.

Contaminated packaging

Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.

Section 14: Transport information

Regulatory info	UN number	Proper shipping name	Classes	PG	Environmental hazards	Additional info
DOT Classification	Not regulated					

TDG Classification	Not regulated					
Mexico Classification	Not regulated					
ADR/RID Class	Not regulated					
IMDG Class	Not regulated					
IATA-DGR Class	Not regulated					

Special precautions for user: Not available

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not available

National Regulations: Not available

Special precautions for user: Not available

Section 15: Regulatory information

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No	Component RQ (lbs)	Calculated product RQ (lbs)
chloromethane	74-87-3	100	*

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards

Fire Hazard
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

WARNING! This product contains a chemical known to the State of California to cause cancer.
ethylbenzene 100-41-4
WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.
chloromethane 74-87-3

The components of this product are reported in the following inventories:

TSCA	On TSCA Inventory
DSL	All components of this product are on the Canadian DSL.
AICS	On the inventory, or in compliance with the inventory
NZIoC	Not in compliance with the inventory
PICCS	On the inventory, or in compliance with the inventory
IECSC	On the inventory, or in compliance with the inventory

Inventory Acronym and Validity Area Legend:

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

Section 16: Other information

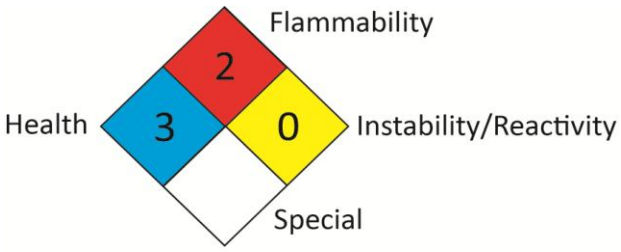
Hazardous Material Information System (U.S.A.):

Health	***3**
Flammability	**2**
Physical hazards	**0**

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J.J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association:



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Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist