

Revision Date: March 22, 2016

SECTION 1: PRODUCT AND COMPANY INFORMATION

Product Name: Son of ColletCare, ColletCare Part number: MI00-0096

Product Use Description: Penetrant, solvent

Company: Think & Tinker, Ltd.
579 County Line Rd.
Palmer Lake, CO 80133
USA

Website: www.thinktink.com

Email: support@thinktink.com

Telephone: 719-488-9640 Emergency telephone: 719-358-1988

Section 2: Hazard Identification

Hazard Statements:

H304: May be fatal if swallowed and enters airways: Category 1
H320: Causes skin irritation: Category 2
H336: May cause drowsiness or dizziness: Category 3
H411: Toxic to aquatic life with long lasting effects: Category 2

Pictograms:



Signal Word: **Danger**

Precautionary Statements:

P261: Avoid breathing mist or vapor: Category 3 - Specific target organ toxicity, single exposure; respiratory tract irritation
P264: Wash thoroughly after handling: Category 2 - Skin corrosion / irritation, wear protective gloves
P271: Use only outdoors in a well ventilated area: Category 3 - Specific target organ toxicity, single exposure; respiratory tract irritation
P273: Avoid release to the environment: Category 2 - Hazardous to the aquatic environment, chronic toxicity

Supplemental Information:

13.9% of the mixture consists of component(s) of unknown long term hazards to the aquatic environment.

Section 3: Composition / Information on Ingredients

Mixtures:

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

*Designates that a specific chemical identity and /or percentage of composition has been withheld as a trade secret

Section 4: First Aid Measures	
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin Contact:	Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs, get medical advice or attention. Wash contaminated clothing before reuse.
Eye Contact:	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs or persists.
Ingestion:	Consult a physician or poison control center immediately. Do NOT induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into lungs. Never give anything by mouth to an unconscious person. Consult a physician.
Notes to Physician:	<p>Symptoms:</p> <ul style="list-style-type: none"> • May cause drowsiness and dizziness • Headache • Nausea, vomiting (see above) • Aspiration may cause pulmonary edema and pneumonitis • Skin irritation, redness, pain <p>Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.</p>

Section 5: Firefighting Measures	
Flash Point:	CLOSED CUP: 71.111°C (160°F), OPEN CUP: 87.78°C (190°F)
Suitable Extinguishing Media:	Water fog, foam, dry chemical, or carbon dioxide (CO ₂)
Unsuitable Extinguishing Media:	DO NOT use water jet as an extinguisher as this will spread the fire.
Special Protective Equipment for Firefighters:	Firefighters, and others exposed, wear self-contained breathing apparatus and full protective clothing. Equipment should be thoroughly decontaminated after use.
Special Hazards During Firefighting:	During fire, carbon monoxide (CO); carbon dioxide; gases hazardous to health may be formed.
Fire fighting instructions:	Move containers from fire area if this can be done without risk. Use standard firefighting procedures and consider the hazards of other involved materials.
Hazardous Decomposition:	Carbon monoxide (CO); carbon dioxide; gases hazardous to health may be formed
Fire Hazards in Presence of Various Substances:	Flammable in presence of open flames and sparks, of heat, of oxidizing materials.
Special Remarks on Fire Hazards	No unusual fire or explosion hazards noted.

Section 6: Accidental Release Measures	
Personal Precautions:	Keep unnecessary personnel away. Keep people away from and upwind of the spill / leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of this SDS.
Environmental Precautions:	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.
Methods for Cleanup:	<p>This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways.</p> <p>Large spills: Stop the flow of material, if this can be done without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into appropriate containers. Following product recovery, flush area with water.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills to original container for re-use. For waste disposal, see section 14 of SDS.</p>

Section 7: Handling and Storage	
Handling:	<p>Provide adequate ventilation.</p> <p>Keep container closed.</p> <p>Avoid breathing vapor or mist.</p> <p>Avoid contact with eyes, skin and clothing</p> <p>Wear appropriate personal protective equipment.</p> <p>Wash hands thoroughly after handling.</p> <p>Avoid release to the environment.</p> <p>Observe good industrial hygiene practices.</p>
Storage:	<p>Store locked up.</p> <p>Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use.</p> <p>Avoid all possible sources of ignition (spark or flame).</p> <p>Emptied containers retain vapor and product residue. Observe all recommended safety precautions until container is cleaned, reconditioned or destroyed.</p> <p>The reuse of this material's container for non-industrial purposes is prohibited, and any reuse must be in consideration of the data provided in this material safety data sheet.</p> <p>Store away from incompatible materials (see Section 10 of SDS)</p>

Section 8: Exposure Controls / Personal Protection	
Occupational exposure limits:	No exposure limits noted for ingredients
Biological limit values:	No biological exposure limits noted for ingredients
Appropriate engineering controls:	Good general ventilation (typically 10 air changes per hour). Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels to an acceptable level. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.
Individual protection measures:	<p>Eye / face protection: Chemical respirator with organic vapor cartridge and full face-piece.</p> <p>Skin protection: Wear appropriate chemical resistant gloves and clothing.</p> <p>Respiratory protection: Chemical respirator with organic vapor cartridge and full face-piece</p> <p>Thermal hazards: Wear appropriate thermal protective gloves and clothing when necessary.</p>
General hygiene considerations:	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9: Physical and Chemical Properties			
Appearance:	Physical state – liquid	Explosive limit – upper:	Not available
	Form – liquid	Vapor pressure:	0.03hPa estimated
	Color – Yellow opaque	Vapor density:	Not available
Odor:	Sweet vanilla	Relative density:	Not available
Odor threshold:	Not available	Solubility:	water: Not available
pH:	Not available	Auto ignition temp.:	518°F (270°C) estimated
Melting point / freezing point:	Not available	Decomposition temp.:	Not available
Initial boiling point:	464°F (240°C) estimated	Viscosity:	Not available
		Density:	7.34 lbs/gal (0.9 kg/l)
Flash point:	>200°F (>93.3°C) Tag closed cup	Explosive properties:	Not explosive
		Flammability class:	Combustible IIIB estimated
Evaporation rate:	Not available	Moisture:	< 0.2%
Flammability (solid, gas):	Not applicable	Oxidizing properties:	Not oxidizing
Flammability limit – lower:	1.1% estimated	Percent volatile:	0.27% estimated
Flammability limit – upper:	7% estimated	Specific gravity:	0.88
Explosive limit – lower:	Not available	VOC (weight %)	0.32% estimated

Section 10: Stability and Reactivity	
Reactivity:	Stable and non-reactive under conditions of normal use, storage and transport.
Chemical stability:	Stable under normal conditions.
Hazardous reactions:	No dangerous reaction known under conditions of normal use.
Conditions to avoid:	Avoid temperatures exceeding flash point or contact with incompatible materials.
Incompatible materials:	Strong oxidizing agents.
Hazardous decomposition products:	No hazardous decomposition products are known.

Section 11: Toxicological Information	
Inhalation:	May cause drowsiness or dizziness, headaches, nausea and vomiting. Prolonged exposure may be harmful.
Skin contact:	Causes skin irritation
Eye contact:	Direct contact with eyes may cause temporary irritation
Ingestion:	Droplets of the product aspirated into lungs through ingestion or vomiting may cause a serious chemical pneumonia.
Symptoms related to exposure:	May cause drowsiness or dizziness, headaches, nausea and vomiting. Aspiration may cause pulmonary edema and pneumonitis. Skin irritation. May cause redness and pain.
Acute Toxicity:	May be fatal if swallowed and enters airways. Narcotic effects.
Skin corrosion / irritation:	Causes skin irritation
Serious eye damage / irritation:	Direct contact with eye may cause temporary irritation.
Respiratory sensitization:	Not a respiratory sensitizer
Skin sensitization:	This product is not expected to cause skin sensitization.
Germ cell mutagenicity:	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic
Carcinogenicity:	This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA
OSHA specifically regulate substances (29 CFR 1910.1001-1050)	Not listed
Reproductive toxicity:	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity:	Single exposure – May cause drowsiness or dizziness Repeated exposure – Not classified
Aspiration hazard:	May be fatal if swallowed and enters airways:
Chronic effects:	Prolonged exposure may be harmful:

Section 12: Ecological Information	
Ecotoxicity:	Toxic to aquatic life with lasting effects
Persistence and degradability:	No data available on the degradability of this product
Bioaccumulative potential:	No data available
Mobility in soil:	No data available
Other adverse effects:	No other adverse environmental effects are expected from this product or its components

Section 13: Disposal Considerations	
Disposal instructions:	Collect and reclaim or dispose in sealed containers at licensed waste disposal sites. Do not allow this material to drain into sewers / water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents / container in accordance with local / regional / national / international regulations.
Local disposal regulations:	Dispose in accordance with all applicable regulations.
Hazardous waste code:	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products:	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal instructions above).
Contaminated packaging:	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an

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	approved waste handling site for recycling or disposal.
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Section 14: Transport Information	
DOT:	Not regulated as dangerous goods
IATA:	Not regulated as dangerous goods
IMDG:	Not regulated as dangerous goods
Bulk transport (Annex II, MARPOL 73/78 and IBC code):	Not established
General information:	DOT regulated marine pollutant

Section 15: Regulatory Information	
US Federal regulations	Not regulated
TSCA Sect. 12(b) Export Notification (40 CFR 707, Subpt. D)	Not listed
CERCLA Hazardous Substances List (40 CFR 302.4)	Not listed
SARA 304 Emergency release notification	Not regulated
Osha Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not listed
Superfund Amendments and Reauthorization Act of 1986 (SARA) Hazard categories	Immediate hazard – Yes Delayed hazard – No Fire hazard – No Pressure hazard – No Reactivity hazard – No
SARA 302 Extremely hazardous substance	Not listed
SARA 311/312 Hazardous Chemical:	No
SARA 313 (TRI reporting):	Not regulated
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List:	Not regulated
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):	Not regulated
Safe Drinking Water Act (SDWA):	Not regulated
U.S. California Controlled Substances, CA Dept. Justice (CHSC Section 11100):	Not listed
U.S. Massachusetts RTK – Substance List:	Not listed
U.S. New Jersey Worker and Community RTK Act:	Not listed
U.S. Pennsylvania Worker and Community RTK Law:	Not listed
U.S. Rhode Island RTK:	Not listed
U.S. California Prop. 65 :	California Safe Drinking Water and Toxic Enforcement Act of 1986. This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

Section 16: Other Information	
Issue date:	07-23-2015
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Version #	01
HMIS ratings:	Health:2
	Flammability: 1
	Physical hazard: 0
NFPA ratings:	Health:2
	Flammability: 1
	Physical hazard: 0