

SECTION 1 - IDENTIFICATION**Product:** CRUSH™ CHERRY (TM 12-001)**Recommended use of the chemical and restrictions on use:**

Uses: Powdered multi-surface cleaner and degreaser.
List of advices against: None.

Details of the supplier of the Safety Data Sheet:

Momar, Inc.
1830 Ellsworth Industrial Dr.
Atlanta, Ga. 30318
404-355-4580
800-556-3967
www.momar.com

Emergency Telephone Number (INFOTRAC): North America: 1-800-535-5053
International: 1-352-323-3500

SECTION 2 – HAZARD IDENTIFICATION

Classification: Eye Damage/Irritation: 1
Skin Corrosion/Irritation: 1B
Specific Target Organ Toxicity (Single Exposure): 3
Acute Toxicity – Oral: 4

Signal Word:

Danger.

Hazard Statements:

Causes serious eye damage.
Causes severe skin burns and eye damage.
May cause respiratory irritation.
Harmful if swallowed.

Pictograms:**Precautionary Statements:****Prevention:**

Wear protective gloves/protective clothing/eye protection/face protection.
Wash hand and exposed skin thoroughly after handling.
Do not breathe dusts or mists.
Use only outdoors or in a well-ventilated area.

Response:

Do not eat, drink or smoke when using this product.
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/doctor/hospital.
If swallowed: Rinse mouth. Do NOT induce vomiting. Call a poison center/doctor/hospital if you feel unwell.

If on skin (or hair): Take off immediately all contaminated clothing.
Rinse skin with water/shower.
Wash contaminated clothing before reuse.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
Immediately call a poison center/doctor/hospital.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
Storage: Store locked up.
Disposal: Dispose of contents/container in accordance with local/regional/national regulations.
Other Hazards: No information available.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Percent Weight
Sodium carbonate	497-19-8	50 – 70
Sodium sulfate	7757-82-6	10 – 30
Sodium tripolyphosphate	7758-29-4	5 – 20
Disodium metasilicate pentahydrate	10213-79-3	5 – 20
Trisodium orthophosphate	7601-54-9	5 – 20

SECTION 4 – FIRST AID MEASURES

Eye Contact: Flush eyes with a large quantity of water for 15 minutes. Continue rinsing eyes during transport to hospital.

Skin Contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

Inhalation: In case of inhalation, obtain medical attention.

Ingestion: In case of ingestion, rinse mouth with water. Do NOT induce vomiting. Obtain medical attention. Never give anything by mouth to an unconscious person.

Most Important Symptoms and Effects:

Acute: May cause serious eye damage with contact with product. Nausea, vomiting, or diarrhea may result from ingestion. Dust from powder products may affect people with asthma. May cause severe skin burns.

Delayed: Repeated or prolonged exposure to skin may cause severe burns or dermatitis.

Indication of Any Immediate Medical Attention and Special Treatment Needed: None.

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing Media: Water, Foam, CO₂, Dry Chemical

Specific Hazards Arising From the Substance or Product:
Hazardous Combustion Products: Oxides of carbon.

Protective Equipment and Precautions for Firefighters: Moisten with water to reduce dust explosion hazard. Fire fighters wear self-contained breathing apparatus with full face piece in pressure demand or other positive pressure mode for surrounding fire.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Wear appropriate personal protection equipment.

Environmental Precautions: Avoid getting concentrate into water ways.

Methods and Materials for Containment and Cleaning Up: Contain spill if possible. Pick up on mineral clay absorbent material or flush away with water. If on absorbent material, shovel into DOT approved container for disposal.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling: Avoid spills and clean them up immediately when they occur. For industrial or professional use only. Wash hands thoroughly after use. **KEEP OUT OF REACH OF CHILDREN!**

Conditions for Safe Storage: Store in cool, dry, well-ventilated place. Keep container closed when not in use. Protect from freezing. Store at temperatures below 100°F. Water contamination should be avoided. Store locked up.

Incompatibilities: None.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits and Recommendations:

Chemical Name	OSHA PEL	ACGIH TLV	Other Exposure Limits
Sodium carbonate	Not listed	Not listed	Not listed
Sodium sulfate	Not listed	Not listed	Not listed
Sodium tripolyphosphate	Not listed	Not listed	Not listed
Disodium metasilicate pentahydrate	Not listed	Not listed	Not listed
Trisodium orthophosphate	Not listed	Not listed	5 mg/m3 (WEEL)

Engineering Controls: Normal ventilation.

Personal Protection Measures:

Respiratory Protection: Not normally required. If needed, use a NIOSH approved dust respirator.

Skin and Body: Use of chemical resistant gloves is recommended.

Eye Protection: Safety glasses or goggles recommended.

Other Recommendations: None.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor:	Red free-flowing powder with cherry fragrance.
Odor Threshold:	Not determined.
pH:	12.0 – 13.0 10% solution.
Freezing Point:	Not applicable.
Boiling Point:	Not applicable.
Flash Point:	None.
Evaporation Rate (BUAC=1):	Slower.
Flammability:	Product does not exhibit a flash point.
Flammability or Explosion Limits:	Upper: Not determined. Lower: Not determined.
Vapor Pressure:	Not determined.
Specific Gravity:	Not applicable.
Solubility in Water:	Complete.
Solubility in Other Solvents:	Not determined.
Partition Coefficient (n-octanol/water):	Not determined.
Auto-ignition Temperature:	Not applicable.
Decomposition Temperature:	Not determined.
Viscosity:	Not applicable.
Other Information:	Density: 0.960 g/cm ³

SECTION 10 – STABILITY AND REACTIVITY

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical Stability:	Stable.
Possible Hazardous Reactions:	None known.
Conditions to Avoid:	None known.
Incompatible Materials:	None.
Hazardous Decomposition Products:	Oxides of carbon.

SECTION 11 – TOXICOLOGICAL INFORMATION**Routes of Exposure:**

Inhalation	Ingestion	Skin	Eye
X	X	X	X

Physical, Chemical and Toxicological Effects:

Symptoms: May cause severe eye damage with contact with product. Prolonged or repeated skin contact may cause severe burns or dermatitis.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure:

Sensitization:	Not a skin sensitizer.
Germ Cell Mutagenicity:	No data available.
Carcinogenicity:	This product has not been identified as a carcinogen or probable carcinogen by NTP, IARC, or OSHA, nor have any of its components.

Reproductive Toxicity: This product does not contain any known or suspected reproductive hazards.

Specific Target Organ Toxicity: Respiratory system (Single Exposure).

Numerical Measures of Toxicity:

Product: Not determined.

Component:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium carbonate	4,090 mg/kg (rat)	No data available.	5,750 mg/L;2hr (rat)
Sodium sulfate	6,000 mg/kg (rat)	No data available.	No data available.
Sodium tripolyphosphate	> 2,000 mg/kg (rat)	4,640 mg/kg (rabbit)	> 0.39 mg/L;4hr (rat)
Disodium metasilicate pentahydrate	847 mg/kg (rat)	No data available.	No data available.
Trisodium orthophosphate	No data available.	No data available.	No data available.

SECTION 12 – ECOLOGICAL INFORMATION**Ecotoxicity: Sodium carbonate:**

Fish: Bluegill: LC50 = 300mg/L;96hr

Invertebrates: Water flea: EC50 = 265mg/L;48hr

Sodium sulfate:Fish: *Lepomis macrochirus*: LC50 = 13.5g/L;96hrInvertebrates: *Daphnia magna*: EC50 = 4,547mg/L;100hrAlgae: *Nitzschia linearis*: EC50 = 1,900mg/L; 5days**Sodium tripolyphosphate:**

Invertebrates: Water flea: EC50 = > 100mg/L;48hr

Disodium metasilicate pentahydrate:

No data available.

Trisodium orthophosphate:

Fish: Mosquito fish: LC50 = 28.5mg/L;96hr

Persistence and Degradability: Not determined.**Bioaccumulation:** Not determined.**Mobility:** Not determined.**Other Adverse Effects:** None known.**SECTION 13 – DISPOSAL CONSIDERATIONS****Waste Treatment Methods:****Disposal of Wastes:** Dispose of product in accordance with national and local regulations.**Contaminated Packaging:** Empty containers should be taken to an approved waste handling site for recycling or disposal.**Other Information:** None.

SECTION 14 – TRANSPORTATION INFORMATION**DOT:**

UN Number: Not listed.
Proper Shipping Name: Cleaning Compounds, Dry.
Hazard Class: Not applicable.
Packing Group: Not applicable.

SECTION 15 – REGULATORY INFORMATION**US Federal Regulations:**

TSCA: All ingredients of this product are listed in the TSCA inventory.
SARA 313: This product contains the following chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and Title 40 CFR 372.

Chemical Name	CAS Number	Percent Weight
None		

US State Regulations:

California: This product contains the following chemical or chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm: None.

SECTION 16 – OTHER INFORMATION

Issue Date: January 18, 2012
Revision Date: September 30, 2014

Health	Flammability	Reactivity	Personal Protection
2	0	0	B

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