



CHARSIL™

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SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product identifier used on the label

: **CHARSIL™**

Product Code(s) : None reported.

Recommended use of the chemical and restrictions on use

: Rice hull char

Chemical family : Mixture.

Name, address, and telephone number of the supplier:

Riceland Foods, Inc.

PO Box 927
2120 South Park
Stuttgart, AR, USA
72160

Supplier's Telephone # : 870-673-5314

24 Hr. Emergency Tel # : 870-673-5314

Name, address, and telephone number of the manufacturer:

Refer to supplier

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Black granular material. Slightly burnt odour.

Most important hazards This material is classified as hazardous under OSHA regulations (29CFR 1910.1200) (Hazcom 2012).

Hazardous classification:

Carcinogen - Category 1A

Specific target organ toxicity - single exposure - Category 1

Specific target organ toxicity - repeated exposure - Category 1

WHMIS information: This product is a WHMIS Controlled Product. It meets one or more of the criteria for a controlled product provided in Part IV of the Canadian Controlled Products Regulations (CPR). WHMIS classification:

Class D2A (Materials Causing Other Toxic Effects, Very Toxic Material)

Class D2B (Materials Causing Other Toxic Effects, Toxic Material)

Label elements

The following label information is applicable only to the United States according to OSHA Regulations (29 CFR 1910.1200) (Hazcom 2012):

Signal Word

DANGER!

Hazard statement(s)

May cause cancer by inhalation.

Causes damage to the lungs and respiratory system if inhaled.

Causes damage to the lungs and respiratory system through prolonged or repeated exposure if inhaled.

Precautionary statement(s)

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Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Do not breathe dust.
 Wash hands and face thoroughly after handling.
 Wear protective gloves and eye/face protection.
 Do not eat, drink or smoke when using this product.
 IF exposed: Call a POISON CENTRE or doctor/physician.
 Get medical attention/advice if you feel unwell.
 Store locked up.
 Dispose of contents/container in accordance with local regulation.



The following label information is applicable only to Canada according to the Canadian Controlled Products Regulations (CPR/WHMIS):

DANGER! May be mildly irritating to skin, eyes and respiratory system. Causes respiratory tract irritation. Prolonged exposure by inhalation of particles can cause serious lung damage, including silicosis. Contains substances that may cause cancer. Contains the following chemical(s) may cause mutagenic effects to non-reproductive cells: carbon black.

Precautions: Use only in well-ventilated areas. Do not breathe dust. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep away from extreme heat and direct flame. Avoid contact with incompatible materials. Keep containers tightly closed when not in use. Store in a cool, dry, well ventilated area.

FIRST AID: If inhaled, move to fresh air. If breathing is difficult, give oxygen by qualified medical personnel only. If breathing stopped, begin artificial respiration. Get medical advice/attention. For skin contact, wash with soap and water while removing contaminated clothing. Get medical attention if irritation develops and persists. For eye contact, flush with running water for at least 15 minutes. If irritation persists, seek prompt medical attention. If ingested, do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if irritation develops and persists.



Other hazards

Other hazards which do not result in classification : May be mildly irritating to skin, eyes and respiratory system. Ingestion can cause gastrointestinal irritation, nausea, and diarrhea. This product contains Manganese compounds. Manganese can attack the central nervous system, causing symptom's similar to Parkinson's Disease. These symptoms of Manganese exposures are likely to occur at levels beyond recommended exposure limits.

Environmental precautions: Avoid release to the environment. See ECOLOGICAL INFORMATION, Section 12.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS #</u>	<u>Concentration</u>
Amorphous silica	7631-86-9	55.0 - 70.0
Carbon black	1333-86-4	23.0 - 37.0
Silica, crystalline, cristobalite	14464-46-1	10.0 - 20.0
Calcium oxide	1305-78-8	0.1 - 0.5
Magnesium oxide	1309-48-4	0.1 - 0.3
Manganese oxide	1317-34-6	0.1 - 0.3



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SECTION 4. FIRST-AID MEASURES

Description of first aid measures

- Ingestion* : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical advice/attention.
- Inhalation* : If inhaled, move to fresh air. If breathing is difficult, give oxygen by qualified medical personnel only. If breathing has stopped, give artificial respiration. Get medical advice/attention.
- Skin contact* : Wash contaminated area with soap and lukewarm, gently running water, while removing contaminated clothing. Consult a physician. Wash contaminated clothing before re-use.
- Eye contact* : Flush with large amounts of water for 15 minutes. Get medical attention if irritation develops and persists.

Most important symptoms and effects, both acute and delayed

- : May cause cancer by inhalation.
- Causes damage to the lungs and respiratory system if inhaled.
- Causes damage to the lungs and respiratory system through prolonged or repeated exposure if inhaled.
- May be mildly irritating to skin, eyes and respiratory system.
- Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
- This product contains Manganese compounds.

Indication of any immediate medical attention and special treatment needed

- : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

- Suitable extinguishing media*
- : Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.

Unsuitable extinguishing media

- : Do not use a solid water stream as it may scatter and spread fire.

Special hazards arising from the substance or mixture / Conditions of flammability

- : Not expected to be sensitive to mechanical impact or static discharge.

Flammability classification (OSHA 29 CFR 1910.106)

- : Not flammable.

Explosion Data: Sensitivity to Mechanical Impact / Static Discharge:

- : Not expected to be sensitive to mechanical impact or static discharge.

Hazardous combustion products

- : Carbon oxides, Nitrogen oxides, Sulphur oxides, and other irritating fumes and smoke.

Special protective equipment and precautions for firefighters

Protective equipment for fire-fighters

- : Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

Special fire-fighting procedures

- : Fight fires from a safe distance. Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame. Product may smolder, which may not be readily detectable. Large piles must be disturbed to insure smoldering material is extinguished.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- : Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. Individuals involved in the cleanup must wear appropriate personal protective equipment. For personal protection see section 8.



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Environmental precautions : Ensure spilled product does not enter drains, sewers, waterways, or confined spaces.

Methods and material for containment and cleaning up

- : Remove all sources of ignition. Ventilate area of release. Stop spill or leak at source if safely possible. Sweep up and shovel into suitable containers for disposal. Use methods that do not generate dusts. Notify the appropriate authorities as required.

Special spill response procedures

- : If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8802).
 US CERCLA Reportable quantity (RQ): None.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

- : Use only in well-ventilated areas. Do not breathe dust. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Keep away from extreme heat and flame. Avoid contact with incompatible materials. Keep container tightly closed when not in use.

Conditions for safe storage

- : Store in a cool, dry, well-ventilated area. Store away from incompatible materials. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. No smoking in the area.

Incompatible materials

- : Strong oxidizing agents and acids.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Exposure Limits:</u>				
<u>Chemical Name</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Amorphous silica	10 mg/m ³ (inhalable); 3 mg/m ³ (respirable) (as PNOS)	N/Av	20 mppcf	N/Av
Carbon black	3.5 mg/m ³	N/Av	3 mg/m ³ (inhalable)	N/Av
Silica, crystalline, cristobalite	0.025 mg/m ³ (respirable fraction)	N/Av	0.05 mg/m ³ (respirable) (final rule limit)	N/Av
Calcium oxide	2 mg/m ³	N/Av	5 mg/m ³	N/Av
Magnesium oxide	10 mg/m ³ (inhalable fraction)	N/Av	15 mg/m ³ (fume, total particulate)	N/Av
Manganese oxide	0.02 mg/m ³ (respirable); 0.1 mg/m ³ (inhalable) (as Mn)	N/Av	5 mg/m ³ (as Mn)	N/Av

Exposure controls

Ventilation and engineering measures

- : Ensure adequate ventilation, especially in confined areas. Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.

Respiratory protection

- : Respiratory protection is required if the concentrations exceed the TLV. NIOSH-approved respirators are recommended. Advice should be sought from respiratory protection specialists.

Skin protection

- : Gloves impervious to the material are recommended. Advice should be sought from glove suppliers.



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- Eye / face protection** : Safety goggles or glasses as appropriate for the job.
- Other protective equipment** : Wear sufficient clothing to prevent skin contact. An eyewash station and safety shower should be made available in the immediate working area. Other equipment may be required depending on workplace standards.
- General hygiene considerations** : Do not breathe dust. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : Black granular material.
- Odour** : Slightly burnt odour.
- Odour threshold** : No information available.
- pH** : 10 (as aqueous solution)
- Melting/Freezing point** : No information available.
- Initial boiling point and boiling range** : No information available.
- Flash point** : Non-flammable.
- Flashpoint (Method)** : No information available.
- Evaporation rate (BuAe = 1)** : No information available.
- Flammability (solid, gas)** : No information available.
- Lower flammable limit (% by vol.)** : No information available.
- Upper flammable limit (% by vol.)** : No information available.
- Oxidizing properties** : None.
- Explosive properties** : N/Ap
- Vapour pressure** : No information available.
- Vapour density** : No information available.
- Relative density / Specific gravity** : > 1.8 (based on ingredients)
- Solubility in water** : slight
- Other solubility(ies)** : No information available.
- Partition coefficient: n-octanol/water or Coefficient of water/oil distribution** : No information available.
- Auto-ignition temperature** : No information available.
- Decomposition temperature** : No information available.
- Viscosity** : No information available.
- Volatiles (% by weight)** : No information available.
- Volatile organic Compounds (VOC's)** : N/Av
- Absolute pressure of container** : N/Ap
- Flame projection length** : N/Ap
- Other physical/chemical comments** : No additional information.

SECTION 10. STABILITY AND REACTIVITY

- Reactivity** : Not normally reactive.
- Chemical stability** : Stable under the recommended storage and handling conditions prescribed.



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Possibility of hazardous reactions

: Hazardous polymerization does not occur.

Conditions to avoid

: Avoid contact with incompatible materials. Avoid dust formation.

Incompatible materials

: Strong oxidizing agents and acids.

Hazardous decomposition products

: None known, refer to hazardous combustion products in Section 5.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry inhalation : YES

Routes of entry skin & eye : YES

Routes of entry Ingestion : YES

Routes of exposure skin absorption

: NO

Potential Health Effects:

Signs and symptoms of short-term (acute) exposure

Sign and symptoms Inhalation

: Causes mild respiratory irritation. Symptoms may include coughing, chest pain and shortness of breath.

Sign and symptoms ingestion

: May cause nausea, vomiting, and diarrhea.

Sign and symptoms skin

: Prolonged skin contact may cause skin irritation.

Sign and symptoms eyes

: Inert particles may cause mechanical irritation of the eyes, including scratches.

Potential Chronic Health Effects

: Prolonged skin contact may cause dermatitis (rash), characterized by red, dry, itching skin. Contains crystalline silica; prolonged exposure by inhalation of particles can cause serious lung damage, including silicosis.

Mutagenicity

: This product does not meet the criteria for germ cell mutagens under OSHA regulations (29 CFR 1910.1200) (Hazcom 2012). Contains Carbon black. Carbon black is suspected of causing mutations in non-reproductive cells, based on animal data.

Carcinogenicity

: This material is classified as hazardous under OSHA regulations (29CFR 1910.1200) (Hazcom 2012). Classification:
Carcinogen - Category 1A
May cause cancer by inhalation.

This product contains Crystalline silica - Quartz. Crystalline silica - Quartz is classified as carcinogenic by IARC (Group 1), ACGIH (Group A2), NTP (Group 1) and OSHA (OSHA Select carcinogen).

This product contains Carbon black, an IARC Group 2B carcinogen.

Reproductive effects & Teratogenicity

: Not expected to have other reproductive effects.

Senitization to material

: Not expected to be a skin or respiratory sensitizer.



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Specific target organ effects : This material is classified as hazardous under OSHA regulations (29CFR 1910.1200) (Hazcom 2012). Classification:
 Specific target organ toxicity - single exposure - Category 1
 Specific target organ toxicity - repeated exposure - Category 1
 Causes damage to the lungs and respiratory system if inhaled.
 Causes damage to the lungs and respiratory system through prolonged or repeated exposure if inhaled.

If dusts are formed, prolonged inhalation may cause scarring of lung tissue, a disease called silicosis.

Irritancy : Mild eye irritant Mild skin irritant.

Medical conditions aggravated by overexposure

: Pre-existing skin, eye and respiratory disorders.

Synergistic materials

: Not available.

Toxicological data

: There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

<u>Chemical name</u>	<u>LC₅₀(4hr)</u> <u>inh, rat</u>	<u>LD₅₀</u>	
		<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Amorphous silica	N/Av	3160 mg/kg	> 5000 mg/kg
Carbon black	6750 mg/m ³	>15400 mg/kg	>3000 mg/kg
Silica, crystalline, cristobalite	N/Av	N/Av	N/Av
Calcium oxide	N/Av	500 mg/kg	N/Av
Magnesium oxide	N/Av	N/Av	N/Av
Manganese oxide	N/Av	N/Av	N/Av

Other important toxicological hazards

: See Section 3 for additional information.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity : No data is available on the product itself. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.

See the following tables for individual ingredient ecotoxicity data.

The below values for Calcium oxide are due to the pH effect and are not applicable for classification purposes.



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Ecotoxicity data:

<u>Ingredients</u>	CAS No	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	M Factor
Amorphous silica	7631-86-9	N/Av	N/Av	None.
Carbon black	1333-86-4	> 1000 mg/L (Zebra fish)	N/Av	None.
Silica, crystalline, cristobalite	14464-46-1	N/Av	N/Av	None.
Calcium oxide	1305-78-8	50.6 mg/L (Rainbow trout)	N/Av	None.
Magnesium oxide	1309-48-4	N/Av	N/Av	None.
Manganese oxide	1317-34-6	N/Av	N/Av	None.

<u>Ingredients</u>	CAS No	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
Amorphous silica	7631-86-9	N/Av	N/Av	None.
Carbon black	1333-86-4	>5600 mg/L/24hr (Water flea)	N/Av	None.
Silica, crystalline, cristobalite	14464-46-1	N/Av	N/Av	None.
Calcium oxide	1305-78-8	49.1 mg/L (Water flea)	N/Av	None.
Magnesium oxide	1309-48-4	N/Av	N/Av	None.
Manganese oxide	1317-34-6	N/Av	N/Av	None.

<u>Ingredients</u>	CAS No	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
Amorphous silica	7631-86-9	440 mg/L/72hr (Green algae)	N/Av	None.
Carbon black	1333-86-4	> 10,000 mg/L/72hr (Green algae)	N/Av	None.
Silica, crystalline, cristobalite	14464-46-1	N/Av	N/Av	None.
Calcium oxide	1305-78-8	184.57 mg/L/72hr (Green algae)	48 mg/L/72hr (Green algae)	None.
Magnesium oxide	1309-48-4	N/Av	N/Av	None.
Manganese oxide	1317-34-6	N/Av	N/Av	None.

Persistence and degradability

: No data is available on the product itself.

Bioaccumulation potential

: The methods for determining biodegradability are not applicable to inorganic substances.

Mobility in soil

: No data is available on the product itself.

Other Adverse Environmental effects

: No additional information.



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SECTION 13. DISPOSAL CONSIDERATIONS

- Handling for Disposal** : See Section 7 (Handling and Storage) for further details.
- Methods of Disposal** : Dispose in accordance with all applicable federal, state, provincial and local regulations.
- RCRA** : If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method.

SECTION 14. TRANSPORTATION INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
49CFR/DOT	None	Not regulated.	Not regulated	none	
49CFR/DOT Additional information	None.				
TDG	None	Not regulated.	Not regulated	none	
TDG Additional information	None.				

- Special precautions for user** : Appropriate advice on safety must accompany the package.
- Environmental hazards** : See ECOLOGICAL INFORMATION, Section 12.
- Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
 : This information is not available.

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

Components listed below are present on the following U.S. Federal chemical lists:

Ingredients	CAS #	TSCA Inventory	CERCLA Reportable Quantity(RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de minimus Concentration
Amorphous silica	7631-86-9	Yes	N/Ap	N/Ap	No	N/Ap
Carbon black	1333-86-4	Yes	N/Ap	N/Ap	No	N/Ap
Silica, crystalline, cristobalite	14464-46-1	Yes	N/Ap	N/Ap	No	N/Ap
Calcium oxide	1305-78-8	Yes	N/Ap		No	N/Ap
Magnesium oxide	1309-48-4	Yes	N/Ap	N/Ap	No	N/Ap
Manganese oxide	1317-34-6	Yes	N/Ap	N/Ap	No	N/Ap

SARA TITLE III: Sec. 311 and 312, MSDS Requirements, 40 CFR 370 Hazard Classes: Immediate (Acute) health hazard; Chronic Health Hazard. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds for the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.



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US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

<u>Ingredients</u>	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Amorphous silica	7631-86-9	No	N/Ap	Yes	Yes	Yes	No	Yes	No
Carbon black	1333-86-4	Yes	Cancer	Yes	Yes	Yes	Yes	Yes	Yes
Silica, crystalline, cristobalite	14464-46-1	Yes	Cancer	No	Yes	Yes	Yes	Yes	No
Calcium oxide	1305-78-8	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
Magnesium oxide	1309-48-4	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
Manganese oxide	1317-34-6	No	N/Ap	No	No	No	No	No	No

Canadian Information:

Refer to Section 2 for a WHMIS Classification for this product.

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

International Information:

Components listed below are present on the following International Inventory list:

<u>Ingredients</u>	CAS #	European EINECs	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Amorphous silica	7631-86-9	231-545-4	Present	Present	(1)-548	KE-31032	Present	May be used as a component
Carbon black	1333-86-4	215-609-9	Present	Present	(5)-3328; (5)-5222	KE-04682	Present	HSR002801
Silica, crystalline, cristobalite	14464-46-1	238-455-4	Present	Present	(1)-548	KE-09017	Present	HSR003244
Calcium oxide	1305-78-8	215-138-9	Present	Present	(1)-189	KE-04588	Present	HSR002926
Magnesium oxide	1309-48-4	215-171-9	Present	Present	(1)-465	KE-22728	Present	May be used as a component
Manganese oxide	1317-34-6	215-264-4	Present	Present	(1)-475	KE-11019	Present	May be used as a component

SECTION 16. OTHER INFORMATION



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Legend :

- ACGIH: American Conference of Governmental Industrial Hygienists
- AICS: Australian Inventory of Chemical Substances
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Services
- CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
- CFR: Code of Federal Regulations
- DOT: Department of Transportation
- EINECS: European Inventory of Existing Commercial chemical Substances
- ENCS: Existing and New Chemical Substances
- EPA: Environmental Protection Agency
- HSDB: Hazardous Substances Data Bank
- IARC: International Agency for Research on Cancer
- IECSC: Inventory of Existing Chemical Substances
- Inh: Inhalation
- KECI: Korean Existing Chemicals Inventory
- KECL: Korean Existing Chemicals List
- LC: Lethal Concentration
- LD: Lethal Dose
- MSHA: Mine Safety and Health Administration
- MST: Mountain Standard Time
- N/Ap: Not Applicable
- N/Av: Not Available
- NFPA: National Fire Protection Association
- NIOSH: National Institute of Occupational Safety and Health
- NOEC: No observable effect concentration
- NTP: National Toxicology Program
- OSHA: Occupational Safety and Health Administration
- PEL: Permissible exposure limit
- PICCS: Philippine Inventory of Chemicals and Chemical Substances
- RCRA: Resource Conservation and Recovery Act
- RTECS: Registry of Toxic Effects of Chemical Substances
- SARA: Superfund Amendments and Reauthorization Act
- STEL: Short Term Exposure Limit
- TCC: Tagliabue Closed Cup
- TDG: Canadian Transportation of Dangerous Goods Act & Regulations
- TLV: Threshold Limit Values
- TSCA: Toxic Substance Control Act
- TWA: Time Weighted Average
- WHMIS: Workplace Hazardous Materials Identification System

References :

1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2013.
2. International Agency for Research on Cancer Monographs, searched 2013.
3. Canadian Centre for Occupational Health and Safety, CCIInfoWeb databases, 2013 (Chempendium, HSDB and RTECs).
4. Material Safety Data Sheets from manufacturer.
5. US EPA Title III List of Lists - October 2012 version.
6. California Proposition 65 List - September 27, 2013 version.

Preparation Date (mm/dd/yyyy)

: 11/10/2008

Reviewed Date SDS (dd/mm/yyyy)

: 09/10/2013

Revision No.

: 3

Revision Information

: (M)SDS sections updated:
All (format change)

Other special considerations for handling

: Provide adequate information, instruction and training for operators.



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<p>Prepared for: Riceland Food Inc. PO Box 927 - 2120 South Park Stuttgart, AR, USA 72160 Telephone: 870-673-5314 Direct all enquiries to: Riceland Foods Inc</p>	
<p>Prepared by: ICC The Compliance Center Inc. Telephone: (888) 442-9628 (U.S.); (888) 977-4834 (Canada) http://www.thecompliancecenter.com</p>	

DISCLAIMER

This Material Safety Data Sheet was prepared by ICC The Compliance Center Inc. using information provided by Riceland Foods, Inc and CCOHS' Web Information Service. The information in the Material Safety Data Sheet is offered for your consideration and guidance when exposed to this product. ICC The Compliance Center Inc and Riceland Foods, Inc expressly disclaim all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this MSDS does not apply to use with any other product or in any other process.

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