

ARCADIAN CORP -- UREA SOLID -- 6810-00-782-6521

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Product Identification
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Product ID:UREA SOLID

MSDS Date:12/19/1991

FSC:6810

NIIN:00-782-6521

MSDS Number: BWCYF

=== Responsible Party ===

Company Name:ARCADIAN CORP

Address:6750 POPLAR, SUITE 600

Box:NONE

City:MEMPHIS

State:TN

ZIP:38138-7419

Country:US

Info Phone Num:800-524-0132

Emergency Phone Num:800-424-9300(CHEMTREC)/800-524-0132

CAGE

:01KQ2

=== Contractor Identification ===

Company Name:ARCADIAN CORP

Address:6750 POPLAR AVE

Box:City:MEMPHIS

State:TN

ZIP:38138

Country:US

Phone:800-654-4514

CAGE:01KQ2

Company Name:STANDARD TAR PRODUCTS CO. INC.

Address:2456 W CORNELL ST.

Box:City:MILWAUKEE

State:WI

ZIP:53209-6294

Phone:414-873-7650

CAGE:1JN25

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Composition/Information on Ingredients
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Ingred Name:UREA

CAS:57-13-6

RTECS #:YR6250000

Fraction by Wt: 97-98%

Other REC Limits:NONE RECOMMENDED

Ingred Name

:BIURET
Fraction by Wt: 0-1%
Other REC Limits:NONE RECOMMENDED

Ingred Name:METHYLENE DIUREA
CAS:68611-64-3
Fraction by Wt: 0-1.76%
Other REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION:NO HEALTH EFFECTS.
INGESTION:SINGLE DOSE OF 100
GM CAUSED MILD CNS DEPRESSION;
DROWSINESS, SLOW REFLEXES, SLURRED SPEECH. SKIN:IRRITANT. WASH
W/MILD SOAP & WATER. GET PROMPT MEDICAL ATTENTI ON IF IRRITATION
PERSISTS. EYES:PROMPTLY FLUSH W/WATER FOR 15 MIN. IF IRRITATION
PERSISTS, PROMPTLY CONSULT A PHYSICIAN.
Explanation of Carcinogenicity:MANUFACTURER GAVE NO INFORMATION ABOUT
CARCINOGENICITY. HMIS FOUND NO LISTING & DOES NOT EXPECT IT TO BE
CARCINOGENIC.
Effects of Overexposure:INGESTION:DROWSINESS, SLOW REFLEXES, SL
URRED
SPEECH. SKIN:IRRITATION.
Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION ON MSDS.

===== First Aid Measures =====

First Aid:EYES:PROMPTLY FLUSH WITH WATER, CONTINUING FOR 15 MINUTES. IF
IRRITATION PERSISTS, PROMPTLY CONSULT A PHYSICIAN. SKIN:WASH W/MILD
SOAP & WATER. GET PROMPT MEDICAL ATTENTION IF IRRITATION PERSISTS.
INH ALATION:NO INCIDENTS OF DUST INHALATIONHEALTH EFFECTS REPORTED.
INGESTION:A SINGLE DOSE OF 100 GM
HAS REPORTEDLY CASUED MILD
SYMPTOMS OF CENTRAL NERVOUS SYSTEM DEPRESSION.

===== Fire Fighting Measures =====

Extinguishing Media:ALL STANDARD AGENTS ARE ACCEPTABLE. (WATER, CARBON
DIOXIDE, DRY CHEMICAL)
Fire Fighting Procedures:WET UREA IS SLIPPERY.
Unusual Fire/Explosion Hazard:HEATING < 270F DECOMPOSES TO
BIURET,AMMONIA,CYANURIC ACID & NITROGEN OXIDES. STEL TO
SMOKE/FUMES/GASES CAN LEAD TO IRREVERSAVLE LUNG INJURY W/DELAYED
SYMPTOMS.

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===== Accidental Release Measures =====

Spill Release Procedures:IF UNCONTAMINATED, RECOVER AND REUSE AS PRODUCT. PREVENT LARGE QUANTITIES FROM CONTACTING VEGETATION OR WATERWAYS. KEEP ANIMALS AWAY FROM LARGE SPILLS.

Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP MATERIAL DRY. AVOID HEATING OF PRODUCT.

Other Precautions:AVOID CONTACT W/EYES. AVOID PROLONGED OR REPEATED

CONTACT W/SKIN & CLOTHING. AVOID DUST INHALATION. CONTACT LENSES SHOULD NOT BE WORN. AVOID CONTAINERS, PIPING OR FITTINGS MADE OF BRASS, BRONZE OR OTHER COPPER ALLOYS OR GALVANIZED METAL.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH-APPROVED DUST RESPIRATOR.

Ventilation:LOCAL AND MECHANICAL(GENERAL) VENTILATION TO KEEP DUST BELOW OSHA NUISANCE DUST LIMIT OF 15 MG/M3.

Protective Gloves:IMPERVIOUS GLOVES IF IRRITATION OCCURS

Eye Protection:SAFETY GLASSES - NO CONTACTS

Other Protective Equipment:LONG SLEEVES.

Work Hygienic Practices:MFR:?. HMIS:USE GOOD CHEMICAL HYGIENE PRACTICES. AVOID CONTACT IF AT ALL POSSIBLE. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

NONE

===== Physical/Chemical Properties =====

HCC:N1

NRC/State Lic Num:NONE

Melt/Freeze Pt:M.P/F.P Text:271F,133C

Decomp Temp:Decomp Text:270F,132C

Spec Gravity:1.335

Solubility in Water

:108 GM/100 CC

Appearance and Odor:WHITE, SOLID, SPHERICAL SHAPED WITH SLIGHT AMMONIA ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

SODIUM NITRITE, PHOSPHORUS PENTACHLORIDE, NITROSYLPERCHLORATE, NITRATES, ALKALIES, OXIDIZING AGENTS, HYPOCHLORIDE, ETC.

Hazardous Decomposition Products:AMMONIA, CYANURIC ACID, CYANIC ACID, CARBON DIOXIDE, BIURET AND NITROGEN OXIDES.

===== Disposal Considerations =
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Waste Disposal Methods:MFR GAVE NO INFORMATION ON MSDS. HMIS:DISPOSE I/A/W FEDERAL, STATE & LOCAL REGULATIONS.

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