

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: CORROSIVE TO EYES
CAUSES EYE DAMAGE AND SKIN IRRITATION

Do not get in eyes, on skin or clothing.
Wear goggles or face shield and rubber gloves
when handling.
Harmful if swallowed.
Wash contaminated clothing thoroughly before
reuse.
Do not contaminate feed or foodstuffs.

STATEMENT OF PRACTICAL TREATMENT

Eye: If in eyes, flush eyes with water for
at least 15 minutes. Get medical attention
immediately.

Skin: If on skin, wash with soap and water.
Call a physician if irritation persists.

Internal: If swallowed, call a physician or
Poison Control Center. Drink 1 or 2 glasses
of water and induce vomiting by touching back
of throat with finger or, if available, by
administering syrup of ipecac. Do not in-
duce vomiting or give anything by mouth to
an unconscious person.

ENVIRONMENTAL HAZARDS:

Do not discharge into lakes, streams, or
public waters unless in accordance with an
NPDES permit. For guidance, contact your
Regional Office of the EPA.

E.P.A Registration No. 10445-56

- EPA Establishment No. 10445-PA-01
- EPA Establishment No. 10445-NJ-01
- EPA Establishment No. 10445-CA-01
- EPA Establishment No. 10445-TX-01
- EPA Establishment No. 10445-MO-01
- EPA Establishment No. 45359-CT-01

MADE IN USA

TEKTAMER[®] 38 A.D.

(25% AQUEOUS DISPERSION)

TO INHIBIT THE GROWTH OF MICROORGANISMS
IN AQUEOUS SYSTEMS

Active Ingredient:
1,2-Dibromo-2,4-Dicyanobutane 25%
Inert Ingredients 75%

KEEP OUT OF THE REACH OF CHILDREN

D A N G E R

CALGON CORPORATION

CALGON CENTER • PITTSBURGH, PA 15230

ACCEPTED
with COMMENTS
In EPA Letter Dated:

10445-56
APR 10 1984

Under the Federal Insecticide,
Fungicide and Rodenticide Act
registered for the pesticide
registered under EPA Reg. No.

DIRECTIONS FOR USE

It is a violation of federal law to use this
product in a manner inconsistent with its
labeling.

The amount necessary for desired protection
varies, depending on exposure conditions.
For further application information refer to
the Product Bulletin.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by
storage or disposal. Waste resulting from
use of this product may be disposed of on
site or at an approved waste disposal
facility.

CONTAINER DISPOSAL

Triple rinse (or equivalent). Then offer for
recycling or reconditioning or puncture and
dispose of in a sanitary landfill, or incin-
eration, or, if allowed by state and local
authorities, by burning. If burned, stay
out of smoke.

NOTICE

Seller makes no warranty, expressed or
implied, concerning the use of this prod-
uct other than indicated on the label.
Buyer assumes all risk of use and/or
handling of this material when such use
and/or handling is contrary to label
instruction.

For additional information regarding incidents
involving human and environmental exposure,
call 412/777-8000 and ask for the Regulatory
and Trade Affairs Department.

Net Weight 200 Kg.

U.S. Patent No: 3,833,731, 3,873,597,
3,877,922, 3,929,858

CALGON

Tektamer 38 A.D.

SPECIALTY
CHEMICALS
GROUP

TEKTAMER 38 A.D. is a preservative which effectively inhibits the growth of microorganisms in aqueous systems, including paints, emulsions, adhesives, joint cements, pigment dispersions, metalworking fluids, inks, polishes, and waxes. TEKTAMER 38 A.D. is a 25% dispersion of 1,2-dibromo-2,4-dicyanobutane* in water.

TYPICAL PROPERTIES

Active Ingredient	25% minimum
Inert Ingredient	75%
Appearance	Off-white to white liquid
Freezing point	0°C
Specific gravity	1.1 at 20°C
Viscosity	
(Brookfield RVF, #5 Spindle @50 rpm @25°C)	1800-2400 cps

TYPICAL USE LEVELS

Laboratory testing and customer use show TEKTAMER 38 A.D. is typically effective when applied at concentrations shown below. All concentrations are based on the total formulation weight.

	Effective Concentration
Aqueous paints	0.1-0.3%
Latex emulsions	0.04-0.2%
Adhesives	
Polyvinyl acetate, styrene butadiene, acrylic,	
methyl cellulose	0.1-0.3%
Polyvinyl alcohol, hydroxyethyl cellulose	0.2-0.3%
Epoxy, polyester	0.04-0.3%
Dextrin	0.3-0.4%
Casein	0.4-0.6%
Waxes and polishes	0.04-0.4%
Inks	0.04-0.3%
Dispersed pigments	0.04-0.1%
Joint cements	0.2-0.4%
Metalworking fluids	0.1-0.4%

DIRECTIONS FOR USE

Aqueous Paints

TEKTAMER 38 A.D. should be incorporated into the make-up water during the grind.

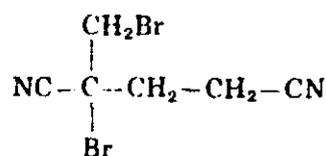
Latex Emulsions

TEKTAMER 38 A.D. should be added using moderate agitation immediately following the cool-down of the emulsions and prior to pumping to storage tank facilities.

Adhesives

TEKTAMER 38 A.D. should be incorporated with agitation to the make-up water. However, where the adhesive is heated, TEKTAMER 38 A.D. should be added during the cool-down cycle.

STRUCTURE



ACCEPTED
with COMMENTS
in EPA Letter Dated:

10445-56
JAN 2 1984

Chemical Control Insecticide,
Fungicide and Rodenticide Act
approved for the pesticide
registered under EPA Reg. No.

TEKTAMER is a registered trademark of Merck & Co., Inc.
*U.S. Patent numbers 3,431,711; 3,473,197; 3,677,922; 3,929,656
EPA Reg. No. 10445-56
FDA acceptance under 21 CFR Section 176.170 & 175.105

Waxes, Polishes and Inks

TEKTAMER 38 A.D. should be incorporated with agitation into the make-up water blend.

Dispersed Pigments

TEKTAMER 38 A.D. should be added using moderate agitation immediately following the cool-down of the dispersed pigment and prior to pumping to the storage tank facilities.

Joint Cements

TEKTAMER 38 A.D. should be incorporated with agitation into the make-up water blend.

Metalworking Fluids

TEKTAMER 38 A.D. can be added or metered into the final diluted fluid, either prior to its addition to the system or after the system has been filled. TEKTAMER 38 A.D. should be thoroughly mixed into the system to assure efficacy. If TEKTAMER 38 A.D. is added to the concentrate, testing should be done to assure compatibility.

COMPATIBILITY

TEKTAMER 38 A.D. is compatible with typical ingredients in end-use formulations. However, it should be added separately from amine-containing and strong nucleophilic agents during product formulations. Mixing TEKTAMER 38 A.D. with these agents may cause a reaction between the ingredients which can de-activate TEKTAMER 38 A.D.

TEKTAMER 38 A.D. is most active over a pH range of 2-9.5. In some formulations, product has shown efficacy in higher pH formulations. If the formulation will have a final pH greater than 9.5, laboratory testing is recommended.

CORROSION PROPERTIES

TEKTAMER 38 A.D. is compatible with materials such as PVC, polyethylene, polypropylene, Tygon, Teflon, and glass. TEKTAMER 38 A.D. is corrosive to mild steel.

Positive displacement pumps are preferred for handling the product. Chemical feed pumps are available from Calgon Corporation.

PACKAGING

TEKTAMER 38 A.D. is available in 44 lb. net pails, 440 lb. net drums and liquabins containing 3000 lb. net.

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STATEMENTS OF PRACTICAL TREATMENT

EYES: If in eyes, flush eyes with water for at least 15 minutes. Get medical attention immediately.

SKIN: If on skin, wash with soap and water. Call a physician if irritation persists.

INTERNAL: If swallowed, call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or, if available, by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person.

Environmental Hazards—Do not discharge into lakes, streams or public waters unless in accordance with an NPDES permit. For guidance, contact your Regional Office of the EPA.

STORAGE AND DISPOSAL

Ship and store TEKTAMER 38 A.D. between 0°C (32°F) and 42°C (108°F). Keep from freezing. Freeze-thaw cycle may cause a temporary water separation and can be corrected by mechanical agitation.

Store away from heat. At temperatures above 42°C (108°F), the active ingredient in the aqueous dispersion may separate out. A temperature-indicator spot has been added to the drum to indicate the exposure to elevated temperatures. Instructions which appear on the label follow:

If temperature-indicator spot on drum head label is grey/white, the product can be used directly.

If indicator spot on drum head label is black, sample the drum. If the product is a slightly viscous white dispersion, the product may be used. If two phases or if a clear viscous water layer is found, call your product representative.

Temperature changes may alter viscosity but should not affect handling or performance.

Keep container closed when not in use.

Do not contaminate water, food, or feed by storage or disposal.

Waste resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

NOTICE

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instruction.

Information concerning human and environmental exposure may be reviewed on the Material Safety Data Sheet and label for this product.

For additional information regarding incidents involving human and environmental exposure, call 412-777-8000 and ask for the Regulatory and Trade Affairs Department.



APR 19 1984

Calson Corporation
P.O. Box 1346
Pittsburgh, PA 15230

Attention: Edward W. Jones

Gentlemen:

Subject: Tektamer 38 A.D.
EPA Registration No. 10445-56
Your Application for General Revision of
Labeling Dated March 23, 1984

Your application for a general revision in the labeling for this product is being considered as an administrative action in accordance with Section 162.9-1(b)(7), of 40 CFR, for which no consideration of data is necessary.

A stamped copy of the draft labeling is enclosed for your records.

Submit five (5) copies of your finished printed labeling before you release the product for shipment. Refer to the enclosures A-79 (Finished, Printed Labeling), Guide For Preparing Printed Labeling, and Front Panel Precautionary Labeling Requirements. Failure to comply with these requirements may result in rejection of your labeling.

Sincerely yours,

act

A. W. Castillo
Product Manager (32)
Disinfectants Branch
Registration Division (75-7670)

Enclosures

DCR-45661;W.C.Francis:efs:PAMRU-557-2226:4/17/84;Del. 4/29/84;RD-04

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							