

PRECAUTIONARY STATEMENTS
Hazards To Humans & Domestic Animals

DANGER

FLAMMABLE. CORROSIVE.
CONTAINS METHANOL, WHICH
MAY CAUSE BLINDNESS.
CAUSES EYE DAMAGE AND
SKIN BURNS.

MAY CAUSE ALLERGIC
SKIN REACTION.

VAPOR HARMFUL IF INHALED.

MAY BE FATAL IF SWALLOWED OR
ABSORBED THROUGH THE SKIN.

Do not get in eyes, on skin, or clothing. Wear goggles or face shield and rubber gloves when handling. Avoid breathing vapor or mist. Avoid contamination of food. Do not take internally. Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not discharge into lakes, streams, ponds or public waters unless in accordance with an NPDES permit. For guidance contact your Regional Office of the Environmental Protection Agency. Do not contaminate waters by cleaning of equipment or disposal of wastes.

PHYSICAL OR CHEMICAL HAZARDS

Flammable — Do not use or store near heat, sparks or open flame.

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. If plastic, do not reuse empty container.

DISPOSAL: Pesticide or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. Triple rinse (or equivalent) all containers and, for metal containers, offer for recycling or reconditioning (for plastic containers, dispose in an incinerator), or dispose in landfill approved for pesticide containers or bury in a safe place. Consult federal, state or local disposal authorities for approved alternative procedures.

IN CASE OF ACCIDENT:

for assistance, phone CHEMTREC
toll free, day or night
800-424-9300

ECT 20 1993

WELCHEM



MICROBIOCIDES
53W

ACTIVE INGREDIENTS:

5-Chloro-2-methyl-4-isothiazolin-3-one 1.15%

2-Methyl-4-isothiazolin-3-one 0.35%

INERT INGREDIENTS..... 98.50%

TOTAL100.00%



DANGER

POISON

CONTAINS METHANOL

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Dilute with two glasses of water. Call a physician immediately. See NOTE TO PHYSICIAN. Do not give anything by mouth to an unconscious person. Material is corrosive and contains methanol (methyl alcohol).

IF INHALED: Remove immediately to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Call a physician.

IF ON SKIN: Wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse.

IF IN EYES: Flush with plenty of water for at least 15 minutes. Call a physician.

NOTE TO PHYSICIAN:

Material is corrosive and may cause mucosal damage. Careful gastric lavage may be indicated for toxic effects of methanol. Measures against circulatory shock, respiratory depression and convulsions may be needed.

SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

SOLD BY

WELCHEM, INC.
5450 N.W. CENTRAL DRIVE
HOUSTON, TEXAS 77092
PHONE (713) 462-4783

EPA Est No 707-PA-1, 7333-TX-02
EPA Reg No 707-168-7333

CONTENTS

GALLONS

DIRECTIONS FOR USE
GENERAL CLASSIFICATION

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

OIL FIELD INJECTION WATERS

For the control of slime forming and sulfate reducing bacteria in oil and gas field water systems including enhanced recovery injection fluids, drilling, fracturing and completion fluids, add 30-3000 ppm WELCHEM MICROBIOCIDES 53W depending on the severity of the contamination.

INTERMITTENT OR SLUG METHOD

For treatment of enhanced oil and gas recovery injection fluids, where noticeably fouled, add 100-400 ppm WELCHEM MICROBIOCIDES 53W (4.2-16.8 gallons or 33.7-134.7 pounds per barrels of water). Repeat treatment 1-5 times per week or as needed to establish control.

Subsequently, treat with 30-200 ppm WELCHEM MICROBIOCIDES 53W (1.26-8.4 gallons or 10.1-67.4 pounds per 1000 barrels of water). Repeat treatment as needed to maintain control.

For treatment of drilling, fracturing and completion fluids, where higher concentrations may be required, where noticeably fouled, add 300-3000 ppm WELCHEM MICROBIOCIDES 53W (12.6-126.0 gallons or 101.0-1010.5 pounds per 1000 barrels of injection fluid). Repeat treatment 1-5 times per week or as needed to establish control.

Subsequently, treat with 30-2000 ppm WELCHEM MICROBIOCIDES 53W (1.26-84.0 gallons or 10.1-673.7 pounds per 1000 barrels of injection fluid). Repeat treatment as needed to maintain control.

CONTINUOUS FEED METHOD

For treatment of enhanced oil and gas recovery injection fluid, where noticeably fouled, add 100-400 ppm WELCHEM MICROBIOCIDES 53W (4.2-16.8 gallons or 33.7-134.7 pounds per 1000 barrels of water) continuously until the desired degree of control is established.

Subsequently, treat with 30-200 ppm WELCHEM MICROBIOCIDES 53W (1.26-8.4 gallons or 10.1-67.4 pounds per 1000 barrels of water) continuously or as needed to maintain control.

NOTE: Addition of WELCHEM MICROBIOCIDES 53W should be made at a point in the system where it will be uniformly mixed.

WELCHEM MICROBIOCIDES 53W weighs 8.02 lbs. per gallon.

Freeze stable to minus 45°F (43°C).

Contains methanol.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated in the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose express or implied, extends to the use, storage or handling of this product in a manner other than as directed by label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to seller and buyer assumes the risk of any such use.

FLAM

DOT PROPEL
FLAMMABLE LIQ

(Contains Methanol and 5-C

INSTRUCTIONS FOR USE **CLASSIFICATION**

Violation of Federal Law to use this product in a manner inconsistent with the label.

INJECTION WATERS

Control of slime forming and sulfate reducing bacteria in oil and gas field water including enhanced recovery fluids, drilling, fracturing and completion fluids, add 30-3000 ppm MICROBIOCIDAL 53W depending on the concentration of the contamination.

PERMANENT OR SLUG METHOD

For permanent treatment of enhanced oil and gas injection fluids, where noticeably fouled, add 100-400 ppm WELCHEM MICROBIOCIDAL 53W (4.2-16.8 gallons or pounds per barrel of water). Treat 1-5 times per week or as needed to establish control.

For slug treatment, treat with 30-200 ppm MICROBIOCIDAL 53W (1.26-8.4 gallons or 1-67.4 pounds per 1000 barrels of injection fluid). Repeat treatment as needed to control.

For continuous treatment of drilling, fracturing and completion fluids, where higher concentrations may be required, where severely fouled, add 300-3000 ppm MICROBIOCIDAL 53W (12.6-101.0 gallons or 101.0-1010.5 pounds per barrel of injection fluid). Repeat treatment 1-5 times per week or as needed to control.

For continuous treatment, treat with 30-200 ppm MICROBIOCIDAL 53W (1.26-8.4 gallons or 1-67.4 pounds per 1000 barrels of injection fluid). Repeat treatment as needed to maintain control.

WATER FEED METHOD

For continuous treatment of enhanced oil and gas injection fluid, where noticeably fouled, add 100-400 ppm WELCHEM MICROBIOCIDAL 53W (4.2-16.8 gallons or pounds per 1000 barrels of water) until the desired degree of control is established.

For continuous treatment, treat with 30-200 ppm MICROBIOCIDAL 53W (1.26-8.4 gallons or 1-67.4 pounds per 1000 barrels of injection fluid) continuously or as needed to control.

Addition of WELCHEM MICROBIOCIDAL 53W should be made at a point in the system where it will be thoroughly mixed.

WELCHEM MICROBIOCIDAL 53W weighs 11.26 lbs per gallon.

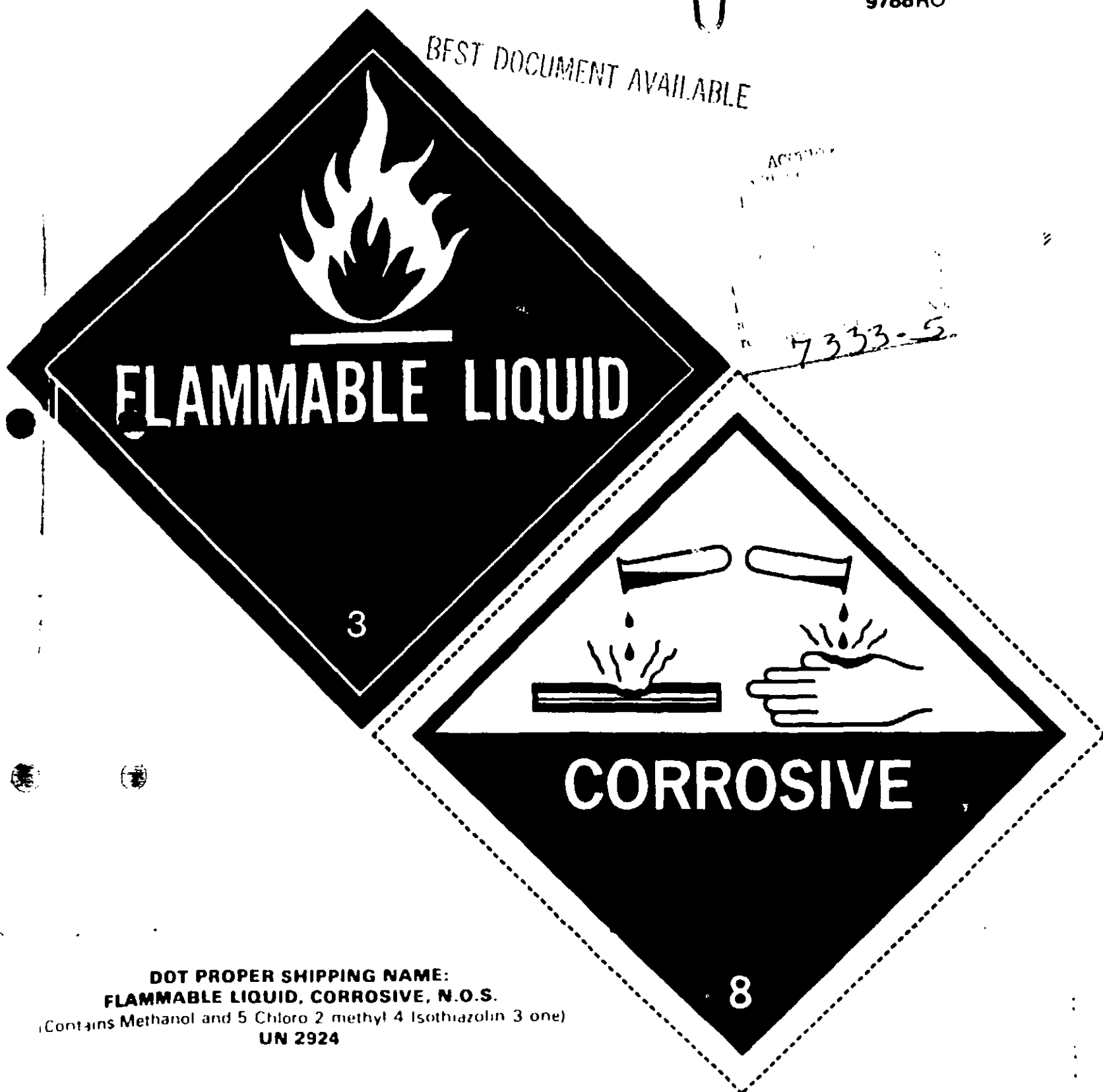
Store at or below 45°F (43°C).

Methanol

The manufacturer warrants that the product meets the chemical description and is fit for the purpose stated in the label when used in accordance with the normal conditions of use. This warranty does not extend to any other merchantability or fitness for a purpose, express or implied, or to the use, storage or handling of the product in a manner other than as directed in the label instructions or under conditions or under conditions not reasonable to seller and buyer in the case of any such use.

9788RO

BEST DOCUMENT AVAILABLE



DOT PROPER SHIPPING NAME:
FLAMMABLE LIQUID, CORROSIVE, N.O.S.

(Contains Methanol and 5-Chloro-2-methyl-4-isothiazolin-3-one)
UN 2924

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE
	TERM OF ISSUANCE	09 AUG 1984
	NAME OF PESTICIDE PRODUCT	

NOTICE OF PESTICIDE: ☐ REGISTRATION
☐ REREGISTRATION
(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

BEST DOCUMENT AVAILABLE

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

☐ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

-2-

e. Delete the statements (lower left panel):

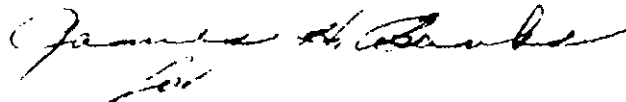
- or buried in a safe place
- or bury in a safe place

f. For the label size submitted, the STORAGE AND DISPOSAL heading and the Child Hazard warning "KEEP OUT OF REACH OF CHILDREN" would require a 12 point type size minimum and the signal word DANGER (front panel only) would require an 18 point type size minimum.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.



John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767C)

Enclosure

RD/DIS:Lee:DCF-44674:WAG-0379K:adb:Raven:479-2013:6/1/84

BEST DOCUMENT AVAILABLE

SYMBOL	▶
SURNAME	▶
DATE	▶

EPA Form 1320-1 (4-81)

CONCURRENCES

OFFICIAL FILE COPY