

Initial if NSF
Std. 60/61-Listed

NSF USE ONLY []
Document Control Code: IA02221-003
Supplier Co. No. 19653
Accepted By _____

TOXICOLOGY DATA REVIEW SUBMISSION - FORM B
NSF *International* (NSF)
STANDARD 60/61: DRINKING WATER SYSTEM COMPONENTS
(CONFIDENTIAL INFORMATION)

FOR ASSISTANCE: 1-800-252-6010
From 9am to 4pm Eastern Time

TO BE COMPLETED BY INGREDIENT SUPPLIER, unless the ingredient is currently Certified under NSF Standard 60 or 61 or has preliminary acceptance by NSF. (See Instructions Before Completing).
Please return form within 30 days or call for assistance.

I. IDENTIFICATION INFORMATION

Company name SHEPHERD CHEMICAL CO. Company contact _____
Address _____ Telephone Number () _____
_____ FAX Number () _____
_____ Plant name _____ Plant contact _____
Address _____ Telephone Number () _____
_____ FAX Number () _____

1. Name of chemical or material (use acceptable chemical nomenclature) _____

2. Trade Designation BLUE NO. 1
Please specify other names under which you market this product _____

3. Structural formula, if applicable (Note: $C_7H_{12}O_4$ is NOT structural) _____
4. Chemical Abstracts Services (CAS) number (if applicable) _____

III. FORMULATION INFORMATION

Analysis of Applicant's product will be conducted to identify potential contaminants to drinking water. Information provided below. List ALL components of the formulation and related information as follows:

- In column (1) place an I, R, or P corresponding to Ingredient (basic chemical constituents), Reactant (catalysts, initiators, etc.), or Processing aid (mold releases, suspension solvents, filtering aids, cutting fluids, etc.)
- In columns (2) and (3) provide the chemical name and CAS number respectively of each entry placed in column (1).
- In column (4) include the parts by weight (%) of each component and the acceptable tolerances, e.g., 38% +/- 1%.
- In columns (5) and (6), for each chemical identified, list the Trade Name and respective supplier. It is **IMPORTANT** that you identify **EVERY** supplier of the chemical used at your facility. Attach analytical methods for determining the level of each chemical, if available.

If this is a multi-part system, (e.g., epoxy coatings) the formulation for each part must have its components shown individually.

PLEASE NOTE: The applicant will avoid delays in the application process if the information is accurate and complete. Please attach additional sheets if necessary.

I.R., P (1)	Chemical Description (2)	CAS No. (3)	Parts by Weight (% or ppm) (4)	Trade Name (5)	Supplier (6)

BFG15002

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2004-05

1. Is the product manufactured or ____ mined?

- a. If mined, is it purified? YES ☐ NO ☐

If YES, how?

Is it ground or mixed to a homogeneous mixture YES___ NO___

- b. If manufactured or synthesized, provide the following:**

Please provide separate attachments as necessary.

Manufactured:

- ### 1. Process description

2. Literature and/or patent reference for synthesis method

Synthesized:

1. Recognized name of synthesis:

2. Literature and/or patent reference for synthesis method:

- ### 3. Purification procedure.

4. Provide the analytical procedure for the analysis of your product. Provide either a literature reference or a written procedure

- ### 5. Molecular weight (molecular weight distribution for polymers)

6. Itemize the reaction products of initiators, stabilizers, and catalysts used in the manufacture or synthesis of your product.

- c. Product is handled/bagged by a single use (dedicated) system.

- Product is handled/bagged by a multiple use (non-dedicated) system.

If multiple products are handled, show other products handled by the system:

2. What is the specified purity range (if applicable)?

3. Itemize below, known or suspected impurities in the product including, but not limited to, unreacted starting materials, by-products, low molecular weight polymers, etc. If available, provide literature reference(s) or written procedure(s) for the identification of impurities in your product and starting materials.

[illegible]

- If yes, what is the solubility? _____ @ _____ Temperature and _____ pH

- If yes, please append the complete report(s) for every component or impurity studied.

to the drinking water. These contaminants for which MCL may require information you provide (as the applicant's

- ____ (Check if no knowledge of toxicity data exists within your company.)

- Product, material, ingredient, or impurity

Justification (provide documentation) or opinion

ONLY

3. A toxicology literature search provided by your company may expedite the toxicology review and minimize costs to the applicant for obtaining toxicology data. For each literature search appended to this form, itemize as described below:

Database	_____	_____	_____
File #	_____	_____	_____
Keywords	_____	_____	_____
Date	_____	_____	_____

____ (Check if no literature search has been, or will be, conducted by your Company.)

VI. ATTACHMENTS AND SIGNATURE

List Attachments to this form	_____	No. of pages	_____
	_____		_____
	_____		_____

I hereby certify that the information provided is accurate and complete, and that I, and the Company I represent, know of no reason the product described herein should not be used in the Applicant's product which is used in contact with drinking water.

X Signature _____ Date _____

Typed or printed name _____

Position/Title _____

Company _____

Phone _____ Telex _____ FAX _____

The following authorization is OPTIONAL. It in no way authorizes NSF to share the information with other Applicants. Authorized NSF staff ONLY will be allowed access to this information. By completing this authorization, this Form B may be used to support the referenced ingredient/material/product as part of another applicant's package.

I give NSF permission to use the information contained in this TDRS Form B as a basis for reviewing/accepting other products which use the referenced ingredient/material/product covered by this form.

Optional Authorization _____

WHERE TO MAIL? Insert the completed form in an envelope marked "CONFIDENTIAL BUSINESS INFORMATION," seal in an outer envelope, and return to:

VIA U.S. MAIL:

Additives Toxicology Group
NSF International (NSF)
PO Box 130140
Ann Arbor, MI 48113-0140

VIA COURIER SERVICE:

Additives Toxicology Group
NSF International (NSF)
3475 Plymouth Road
Ann Arbor, MI 48105

Permission to Use TDRS Form Information For Multiple Applicants

To be completed when a TDRS form for a particular product has previously been submitted to NSF *International* (NSF) and that information is authorized for use with other applicant(s).

Dear NSF:

Our company, _____, previously submitted a TDRS form for our product _____ under the Document Control Code (found in the upper right hand corner of the original submission): _____.

Permission for NSF to use the above-referenced TDRS form, accompanying information, and appended toxicology data is now given for the following applicant(s) to the NSF's Drinking Water Additives Program.

_____ All applicants

_____ Only the following company

Company Name: _____

Document Control Code (found in the upper right hand corner of the requested submission): _____

I understand that the files will remain confidential and closed to all, but NSF authorized personnel, according to NSF Confidential Information Security Procedures.

Name _____

Signature* _____

Company (Ingredient Supplier) _____

Telephone Number _____ Date _____

***Signature must be notarized:**

Subscribed and sworn to before
me this _____ day
of _____, 19____.

Notary Public

My Commission Expires: _____