



TRP Summary for Hydrazine

Version 1.0

**Prepared For:
Quatic Industries Limited
Guelph, Ontario**

EKG Project 17-21-001

December 2016

Prepared by:
E. K. Gillin & Associates Inc.
356 Ontario St., Suite 362, Stratford, ON, N5A 7X6, Canada
Bus: 519-662-3819 or 888-771-6754 Fax: 519-662-6595
Email: ekginc@ekginc.com Website: www.ekginc.com



356 Ontario St., Suite 362, Stratford, Ontario N5A 7X6
 Bus: 519.662.3819 or 888.771.6754 Fax: 519.662.6595
 Email: ekginc@ekginc.com Website: www.ekginc.com

*We take the **RISK** out of **MANAGEMENT***

Copyright © E.K. Gillin & Associates Inc.

All information in this document is for the express use of the contracting agency named on the Title Page. All other agencies using any part of this publication reproduction, transmission in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, or stored in a retrieval system, without the prior consent of the publisher is an infringement of copyright law.

About The Company

Customized consulting and training specialties include:

Ergonomics	Claims Management
➤ Physical Demands Assessments	➤ Claims Management
➤ Pre-employment Screening	➤ Claims Management Certification
➤ Ergonomics Certification	➤ Effective Labour Relations
➤ Back Care	➤ Policy & Procedure Development
➤ Manual Material Handling	➤ Worker Re-entry Program (WREP)
➤ Job Specific Ergonomics	➤ Absenteeism Management
➤ Cumulative Trauma Prevention	➤ Win-Win Termination
➤ Task Analysis/Hazard Analysis	➤ Long/Short Term Disability
➤ Workstation Design/Re-design	➤ WSIAT defense

Environmental Health & Safety	Occupational Health & Safety
➤ ISO 14000 Audits/Implementation	➤ Workwell Audits/Implementation
➤ Certificate of Approval for Air Registration	➤ Critical Injury Management
➤ Emergency Response	➤ Lockout/Tagout Audits/Procedures
➤ Air Quality, Water, Soil and Noise Testing	➤ Policy & Procedure Development
➤ Transportation of Dangerous Goods	➤ Due Diligence
➤ Waste Management	➤ Accident/Incident Investigation
➤ Spill Cleanup	➤ Confined Space
➤ HACCP Audits/Implementation	➤ Safety Auditor Certification
➤ WHMIS and WHMIS II and MSDS	➤ Fall Arrest

1.0 STATEMENT OF INTENT AND OBJECTIVE OF PLAN

1.1 Statement of Intent

Hydrazine (CAS# 302-01-2) is currently used by Quatic Industries Inc. (Quatic) in 4 processes at the facility. Quatic intends to reduce the use of this toxics substance at the facility through the implementation of any available reduction options that are technically and economically feasible.

1.2 Objective

Hydrazine is a main ingredient in its water processing products and therefore cannot be eliminated. This plan will determine the technical and economic feasibility of each of the proposed reduction options to determine which, if any, are viable for implementation at this time.

1.3 Target

Quatic releases a small amount of hydrazine to air release a year, there were no feasible options identified to reduce the amount of hydrazine used.

2.0 GENERAL INFORMATION

2.1 Facility Information

Facility Name	Quatic Industries Limited
Address	23 Admiral Place Guelph, Ontario N1G 4N4
UTM Spatial Coordinates (NAD83)	563987 m E 4815499 m N
Name of Operator of Facility	Richard Steele
Public Contact	Rick Mathewson
Number of Full Time Employees	20
NPRI Number	5999
Two Digit NAICS Code	3259
Four Digit NAICS Code	325999

2.2 Other Toxic Substances For Which Plans Are Required

Formaldehyde (CAS# 50-00-0)

Methanol (CAS# 67-56-1)

3.0 REDUCTION OPTION TO BE IMPLEMENTED

All seven categories of toxic reduction options were explored. Three total options were posed for the reduction categories.

Quatic releases a small amount of hydrazine to air release a year, there were no feasible options identified to reduce the amount of hydrazine used.

4.0 PLAN CERTIFICATION

This summary accurately reflects the current version of the plan (Dated December 2016). Plan certification attached on the following page.

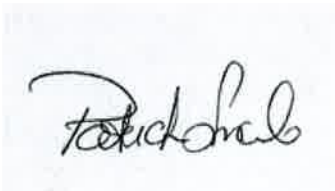
PLAN CERTIFICATION FOR METHANOL

As of November 14, 2016, I, Richard A. Steele, certify that I have read the toxic substance reduction plan for methanol and am familiar with its contents, and to my knowledge the plan is factually accurate and complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.



Richard A. Steele, President
Quatic Industries Inc.

As of July 20, 2016, I, Patrick Smale, certify that I am familiar with the processes at Quatic Industries Inc. that use or create methanol, that I agree with the estimates referred to in subparagraphs 7 iii, iv and v of subsection 4 (1) of the Toxics Reduction Act, 2009 that are set out in the plan dated October 2014 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.



Patrick Smale, TRSP166, CCEP, CEA, IHT, CES
President, Industrial Hygienist

5.0 ACCOUNTING FOR CURRENT REPORTING PERIOD (2015)

Accounting for current reporting period is found on the following pages.



National Pollutant Release Inventory (NPRI) and



Partners

Home | Mission Management

Help

My Profile: Spencer Bannon

Logout

Ec.gc.ca

SWIM > 2015 > Quatic Industries Limited > Quatic Industries Limited (Update 1) > Report Preview

Summary Report

NPRI ID

5999

Company Name

Quatic Industries Limited

Facility Name

Quatic Industries Limited

Facility Address

23 Admiral Place, Guelph (Ontario)

Report Details

Report Status

Update 1 - Submitted (19/01/2017 10:50:49 AM)

Reporting Period

2015

Report Type

Inventory (Programs: NPRI, ON MOE TRA)

Update Comments

There were improvements in data quality that were realized through the process of developing the Toxics Reduction Plans.

Substances

Inventory

CAS RN	Substance Name	Releases	Disposals	Recycling	Unit
67-56-1	Methanol	0.0060	0.7130	N/A	tonnes
302-01-2	Hydrazine (and its salts)	0.4000	N/A	N/A	kg

Version: 3.11.4

Terms and Conditions | Transparency



About us

News

Contact us

Stay connected

HEALTH

TRAVEL

SERVICE CANADA

JOBS

ECONOMY

Canada.gc.ca

Back

Validate

Save/Continue