

TABLE OF CONTENTS

FOREWORD	
1. EXECUTIVE SUMMARY	
2. IDENTITY AND PHYSICAL/CHEMICAL PROPERTIES	
3. ANALYTICAL METHODS	
4. SOURCES OF ENVIRONMENTAL EXPOSURE	
4.1 Natural sources	
4.2 Anthropogenic sources	
5. ENVIRONMENTAL TRANSPORT, DISTRIBUTION, TRANSFORMATION, AND ACCUMULATION	
5.1 Transport and distribution between media	
5.2 Transformation	
5.3 Accumulation	
6. ENVIRONMENTAL LEVELS	
7. EFFECTS ON ORGANISMS IN THE LABORATORY AND FIELD	
7.1 Essentiality	
7.2 Toxicity to the aquatic environment	
7.3 Toxicity to the terrestrial environment	
8. EFFECTS EVALUATION	
9. PREVIOUS EVALUATIONS BY INTERNATIONAL BODIES	
REFERENCES	
APPENDIX 1 — SOURCE DOCUMENT	
APPENDIX 2 — CICAD PEER REVIEW	
APPENDIX 3 — FINAL REVIEW BOARD	
APPENDIX 4 — OUTLINE OF THE SPECIES SENSITIVITY DISTRIBUTION METHOD (DUTCH STATISTICAL EXTRAPOLATION METHOD) USED TO DERIVE GUIDELINE VALUES FOR MANGANESE FOR THE PROTECTION OF AQUATIC SPECIES	
APPENDIX 5 — ABBREVIATIONS AND ACRONYMS	
INTERNATIONAL CHEMICAL SAFETY CARDS	
RÉSUMÉ D'ORIENTATION	
RESUMEN DE ORIENTACIÓN	